

Mark R. Conaway, Ph.D.
Professor
Associate Chair for Faculty Development
Department of Public Health Sciences

Division of Translational Research and Applied Statistics
Box 800717 UVA Health System
University of Virginia
Charlottesville, VA 22908
Faculty website: <https://med.virginia.edu/phs/2017/09/07/conaway-mark-r-ph-d/>

Phone:(434) 924-8510
Fax: (434) 243-5787
email: mconaway@virginia.edu
Date: February 1, 2022

Education

1980	B.A. Mathematics	Grinnell College, Grinnell, IA
1985	Ph.D. Statistics	University of Minnesota, Minneapolis, MN

Academic Positions

August, 1985- August, 1989	Assistant Professor, Department of Statistics and Actuarial Science The University of Iowa
September, 1989 – July, 1990	Visiting Assistant Professor, Department of Biostatistics Harvard School of Public Health
August, 1990 – June 1991	Assistant Professor, Department of Statistics and Actuarial Science The University of Iowa
July, 1991 – June, 1994	Assistant Professor, Department of Community and Family Medicine Duke University Medical Center
July, 1994 – July, 1996	Associate Professor, Department of Community and Family Medicine Duke University Medical Center
July, 1996- June, 2002	Associate Professor, Division of Biostatistics and Epidemiology Department of Health Evaluation Sciences, University of Virginia
July, 2002 – May, 2003	Professor, Division of Biostatistics and Epidemiology Department of Health Evaluation Sciences, University of Virginia
May, 2003 – May, 2008	Director, Division of Biostatistics and Epidemiology Department of Public Health Sciences , University of Virginia
May, 2008 – December 2010	Professor, Division of Biostatistics and Epidemiology Department of Public Health Sciences, University of Virginia

January 2011 – July 2019	Professor, Division of Translational Research and Applied Statistics Director of Translational Research
July 2019 – present	Professor, Division of Translational Research and Applied Statistics Director of Translational Research Associate Chair for Faculty Development Department of Public Health Sciences, University of Virginia

Honors and Awards

Year	Honor
2009	Elected Member, Academy of Distinguished Educators University of Virginia School of Medicine
2012	Fellow, American Statistical Association
2012	Dean's Award for Team Research Excellence
2020	Dean's Award for Team Research Excellence

Grants as Principal Investigator

Status	Title
Completed	R01: Designs for phase I trials of combinations of agents. 2010-2013
Completed	R01: Designs for phase I trials in heterogeneous groups. 2014-2019

FDA Advisory Panels

Term	Panel
2021-2025	Oncology Drug Advisory Committee (ODAC)

Review Panels

Panel	Year	Reviews
NIH Special	1994	P01 Programs in Prostate Cancer
Emphasis Panels	1999	Trans-Disciplinary Tobacco Research Centers
	2000	P01 Programs in Angiogenesis
	2001	SPOREs in GI and Prostate Cancer
	2002	SPOREs in Lung Cancer
	2004	Evaluating cancer signatures
	2009	ARRA RC1 reviews , study section ZRG1 OTC-K
	2010	NCI P01 Clinical Studies Special Emphasis Panel
	2018	NIDCR Special Emphasis Panel ZDE1 MH (15)
	2018	National Clinical Trials Network (NCTN)
	2018	NHLBI PRIDE program
	Feb,2020	The Cancer Biotherapeutics Development (CBD)
	Jul, 2020	The Cancer Biotherapeutics Development (CBD)
	Oct, 2020	The Cancer Biotherapeutics Development (CBD)

NIH Study Section	2010-2014 2017	Member. Clinical Oncology Study Section (CONC) Ad hoc reviewer, CONC
NASA	Oct, 2017 Feb, 2018 Jul, 2018 Oct, 2018 Feb, 2019 Oct, 2019 Feb, 2020 July, 2020 Nov 2020 Mar 2021 June 2021 June 2021	Reviewer, NASA CNS-degen panel Reviewer, NASA CNS panel Reviewer, NASA CNS panel Reviewer, NASA Behavioral Health Reviewer, NASA CNS panel Reviewer, NASA TRISH program Reviewer, NASA Behavioral Health Reviewer, NASA TRISH program VESGEN Directed Study Review Reviewer, NASA Behavioral Health Reviewer, TRISH Human Subjects Reviewer, TRISH in vitro and in vivo
Shriners' Hospital	2017 2018 2020	Reviewer, Research Grants Reviewer, Research Grants Reviewer, Developmental Grants

Data Safety Monitoring Boards

Study	PI, Institution	Years
OPT Clinical Trial	Michalowicz, University of Minnesota	2002-2006
MOTOR Clinical Trial	Offenbacher, University of North Carolina	2003-2007
Department of Psychiatric Medicine	Johnson, University of Virginia	2005-2017
CLIP Clinical Trial	Jakicic, Wake Forest University	2005-2008
Omega-3 in NASH patients	Caldwell, University of Virginia	2008-2009
CLIP-II Trial	Jakicic, Wake Forest University	2012-2016
TCAP Clinical Trial	G. Bernard, Vanderbilt; J. Truwit, Wisconsin	2014-2015
Harvest for Health	Demark-Wahnefried, W.; UAB	2016-present
AMPLIFY study	Demark-Wahnefried, W.; UAB	2019-present
Modifying Progesterone and Estradiol Levels to Prevent Postpartum Cigarette Smoking	Allen, University of Arizona	2021-present

Professional Activities

Activity	Description
Associate Editor	The American Statistician, 1992 – 1996 Communications in Statistics, 1995 – 1999 Journal of the American Statistical Association, 1996 – 2004 Developmental Medicine and Child Neurology 2007 - 2010 Annals of Applied Statistics, 2021 - present
Professional Memberships	American Statistical Association ASA Committee on Law and Justice Statistics, 1994 - 1996 ASA Chapter Representative, Iowa Chapter, 1990 - 1991

Activity	Description
Advisory Board	Regional Advisory Board, Biometrics Society (ENAR) 2002-2004

University and School of Medicine Committees

Years	Committee
2012- 2015	Provost's Promotion and Tenure Committee
2003- 2012	School of Medicine Promotion and Tenure Committee
2010- 2018	Academy of Distinguished Educators Membership Committee
2011- 2015	Quantitative Collaborative Steering Committee
2011	Search Committee, Cancer Center Director
2005	Provost Committee for School of Medicine Dean Re-appointment

Peer-reviewed publications

1. **Conaway, M.** (1989) "Conditional Likelihood Methods for Repeated Categorical Responses", *Journal of the American Statistical Association*, 84, 53- 62.
2. **Conaway, M.** (1990) "A Random Effects Model for Binary Data", *Biometrics*, 46, 317 - 328.
3. **Conaway, M.**, Pillers, C., Robertson, T., and Sconing, J. (1990) "The Power of the Circular Cone Test: A Noncentral Chi-bar-Squared Distribution", *Canadian Journal of Statistics*, 18, 63 - 70.
4. **Conaway, M.**, Pillers, C., Robertson, T., and Sconing, J. (1991) "A Circular Cone Test for Testing Homogeneity Against a Simple Tree Alternative", *Canadian Journal of Statistics*, 19, 293 - 296.
5. Al-Bakri, A; **Conaway, M**; Stoner, J (1991) "Conditional Analysis of Accidents at Four-Approach Traffic Circles" *Transportation Research Record* 1327, 42-46
6. **Conaway, M.**, Waternaux, C., Allred, E., Bellinger, D., and Leviton, A. (1992) "Pre-Natal Blood Lead Levels and Learning Difficulties in Children: An Analysis of Nonrandomly Missing Categorical Data". *Statistics in Medicine*, 11, 799 - 811. PMID: 1594818.
7. **Conaway, M.**(1992) "The Analysis of Repeated Categorical Measurements Subject to Nonignorable Nonresponse". *Journal of the American Statistical Association*, 87, 817-824.
8. Pillai, V.J. and **Conaway, M.** (1992) "Immunization Coverage in Lusaka, Zambia: Implications of the Social Setting," *Journal of Biosocial Science*, 24, 201-209. PMID: 1583034
9. Demark-Wahnefried, W., Paulson, D., Robertson, C., Anderson, E., **Conaway, M.**, and Rimer, B. (1992) "Body Dimension Differences in Men With or Without Prostate Cancer," *Journal of the National Cancer Institute*, 84, 17:1363-1364. PMID: 1495106
10. **Conaway, M.** (1993) "Nonignorable Nonresponse Models for Time Ordered Categorical Responses" *Applied Statistics*, 42, 105-112.

11. Kornguth,P., Rimer,B., **Conaway, M.**, Sullivan,D., Catoe, K., Stout,A. and Brackett, J. (1993), ``The Impact of Patient-Controlled Compression on the Mammography Experience," *Radiology*, 186:99-102. PMID: 8416595
12. Winer, E., Fee-Fulkerson,K.,Fulkerson,C., Georgiade,G., Catoe,K., Brunatti,C., **Conaway, M.**, Holmes,V. and Rimer, B. (1993) The Silicone Controversy: A Survey of Women with Breast Cancer and Silicone Implants. *Journal of the National Cancer Institute*, 85, 17:1407-1411. PMID: 8350364
13. Rimer, B., **Conaway, M.**, Kornguth,P., Stout, A., Catoe, K. and Brackett, J. (1993) ``The Effect of Force, Race and Coping Style on Pain During Patient-Controlled Mammography", *Journal of Women's Health*, 2: 249 - 255.
14. Wiener, J., Kerns,B., Harvey, E., **Conaway, M.**, Marks, J., Iglehart, D. and Bast, R. (1994) ``Overexpression of the Tyrosine Phosphatase PTP1B in Human Mammary Carcinomas: Association with p185 c-erbB-2 Expression." *Journal of the National Cancer Institute*, 86, 372-378. PMID: 7905928
15. **Conaway, M.** and Lohr, S. (1994) ``A Longitudinal Analysis of Factors Affecting the Reporting of Crimes to the Police" *Journal of Quantitative Criminology*, 10, 23-39.
16. **Conaway, M.** (1994) ``Causal Nonresponse Models for Repeated Categorical Responses", *Biometrics*, 50, 1102-1116. PMID: 7786991
17. Wiener, J., Hurteau, J., Kerns, B., Whitaker, R., **Conaway, M.**, Wu, S., Berchuck, A. and Bast, R. (1994) ``Overexpression of the Tyrosine Phosphatase PTP1B is Associated with Malignant Human Ovarian Cancer". *American Journal of Obstetrics and Gynecology*, 84, (6), 969-973. PMID: 8166206
18. Woolas, R., **Conaway, M.**, Xu, F-J., Jacobs, I., Yu, Y-J., Daly, L., Prys Davies, A., O'Briant, K., Berchuck, A., Soper, J., Clarke-Pearson, D., Rodriguez, G., Oram, D. and Bast, R.(1994) ``Combinations of Multiple Serum Markers are Superior to Individual Assays for Distinguishing Malignant from Benign Pelvic Masses." *Gynecological Oncology*, 59, 1:111-116. PMID: 7557595
19. Soper, J., Evans, A.C., and **Conaway, M.** (1995) ``Evaluation of prognostic factors and staging in gestational trophoblastic tumor", *Obstetrics and Gynecology*, 84 ,(6):969-973. PMID: 7970479
20. **Conaway, M.** (1995) ``Importance Sampling to Evaluate Bivariate Probabilities With Applications to Sequential Phase II Trials." *Journal of Statistical Computation and Simulation*. 51, 249-262.
21. Wahnefried-Demark, W., Strigo, T., Catoe, K., **Conaway, M.**, Brunetti, M., Rimer, B., and Robertson, C. (1995) ``Knowledge, Beliefs and Prior Screening Behavior Among Blacks and Whites Reporting for Prostate Cancer Screening," *Urology*, 46,(3), 346-351. PMID: 7660510
22. Liu, R.J., **Conaway, M.**, Rodriguez, G., Soper, J., Clarke-Pearson, D. and Berchuck, A. (1995) ``Poor survival of black women with endometrial cancer is not due to a prolonged interval between the onset of abnormal uterine bleeding and hysterectomy." *Obstetrics and Gynecology*, 86, 4, 486-490. PMID: 7675366
23. **Conaway, M.** and Petroni, G. (1995) ``Bivariate Sequential Designs for Phase II Trials." *Biometrics*, 51, 656-664. PMID: 7662852

24. Fee-Fulkerson, K., **Conaway, M.**, Winer, E., Fulkerson, C., Rimer, B., Catoe, K., Brunatti, C. and Georgiade, G. (1996) "Factors Contributing to Patient Satisfaction with Breast Implants using Silicone Gel" *Journal of Plastic and Reconstructive Surgery*. PMID: 8643726
25. Soo, M., Sullivan, D., Hooper, D., **Conaway, M.**, Georgiade, G., Kornguth, P. (1996) "Film Screen Mammography and Sonography in the Evaluation of Breast Prosthesis Integrity" *Breast Disease*, **9**: 81-92.
26. Rimer, B., **Conaway, M.**, Lyna, P., Rakowski, W., Woods-Powell, CT. Tessaro, I., Yarnall, K., and Barber, T. (1996) "Cancer Screening Practices among Women in a Community Health Center Population" *American Journal of Preventive Medicine*, 351-357. PMID: 8909646
27. Kornguth, P., Keefe, F. and **Conaway, M.** (1996) "Pain During Mammography: Characteristics and Relationships to Medical and Demographic Characteristics." *Pain*, **66**, 187-194. PMID: 8880840
28. Lipkus, I., Lyna, P., Rimer, B., Pradham, A., **Conaway, M.**, and Woods-Powell, C.T. (1996) "Colorectal Screening Patterns and Perceptions of Risk among African-Americans users of a Community Health Center.", *Journal of Community Health*, **21**, 409-427. PMID: 8912118
29. **Conaway, M.** and Petroni, G. (1996) "Designs for Phase II Trials Allowing for a Trade-Off Between Response and Toxicity." *Biometrics*, **52**, 1375-1386. PMID:8962459
30. Schilling, A., **Conaway, M.**, Wingate, P., Atkins, J., Berkowitz, I., Clamon, G., DiFino, S. and Vinciguerra, V. (1996) "Recruiting cancer patients to participate in motivating their relative to quit smoking: a cancer control study of the Cancer and Leukemia Group B." *Cancer*, **79**: 152-160. PMID: 8988740
31. Demark-Wahnefried, W., Hars, V., **Conaway, M.**, Havlin, K., Rimer, B., McElvinn, G. and Winer, E. (1997) "Reduced rates of metabolism and decreased physical activity in breast cancer patients receiving adjuvant chemotherapy." *American Journal of Clinical Nutrition*, **65**: 1495-1501. PMID: 9129482
32. Demark-Wahnefried, W., Lesko, S., **Conaway, M.**, Robertson C., Lobaugh, B., Clark, R., and Paulson, D. (1997) "Serum androgens: associations with prostate cancer and hair patterning", *Journal of Andrology*, **18**: (5) 495-500. PMID: 9349747
33. Demark-Wahnefried, W., Robertson, C., **Conaway, M.**, Anderson, E. , Matthias, B. and Paulson, D. (1997) "Anthropometric risk factors for prostate cancer" *Nutrition and Cancer*, **28**: (3) 302-307. PMID: 9343840
34. Rimer, B., **Conaway, M.**, Lyna, P., Glassman, B., Yarnall, K., Lipkus, I., and Barber, T. (1998) "The impact of tailored interventions on a community health center population" *Patient Education and Counseling*, **37**, 125-140. PMID: 14528540
35. Dean G., Pusztai L., Xu F., O'Briant K., DeSombre K., **Conaway M.**, Boyer C., Mendelsohn J., Bast R. (1998) "Cell surface density of p185(c-erbB-2) determines susceptibility to anti-P185(c-erbB-2)-ricin A chain (RTA) immunotoxin therapy alone and in combination with anti-P170(EGFR)-RTA in ovarian cancer cells" *Clinical Cancer Research* **4**: 10 2545-2550. PMID: 9796989

36. Kantoff P., Halabi, S., **Conaway, M.**, et al. (1999) "Hydrocortisone with or without mitoxantrone in men with hormone-refractory prostate cancer: Results of Cancer and Leukemia Group B 9182 study. *Journal of Clinical Oncology* 17:2506-2517. PMID: 10561316
37. Kattwinkel J., Bloom, B., Delmore, P., Glick, C., Brown, D., Lopez, S., Willett, L., Egan, E., Patrie, J. and **Conaway, M.** (2000) "High versus Low Threshold Surfactant for Neonatal RDS. *Pediatrics*, 106: 282-288 PMID: 10920152
38. Shim, W.-S., **Conaway, M.**, Masamura, S., Yue, W., Qang, J., Kumar, R. and Santen, R. (2000) "Estradiol Hypersensitivity and Mitogen Activated Protein Kinase Expression in Long Term Estrogen Deprived Human Breast Cancer Cells in Vivo" *Endocrinology* 141: 396-405. PMID: 10614662
39. Dawson, N., **Conaway, M.**, Halabi S, et al. (2000) " A randomized study comparing standard versus moderately high dose megestrol acetate in advanced prostate cancer: Cancer and Leukemia Group B (CALGB) study 9181." *Cancer*, 88,4: 825-832. PMID: 10679652
40. Spinosa, D. J., Angle, J. F., Hagspiel, K. D., Bissonette, E. A., **Conaway, M.**, Hartwell, G. D., Matsumoto, A. H. (2000). "Feasibility of Gadodiamide Compared with Iodinated Contrast Material for Imaging of the Abdominal Aorta and Renal Arteries", *Journal of Vascular and Interventional Radiology*, 6: 733-737. PMID: 10877418
41. Sheta, E., Harding, M., **Conaway, M.** and Theodorescu, D. (2000) "Focal adhesion kinase, Rap 1, and transcriptional induction of vascular endothelial growth factor". *Journal of the National Cancer Institute*, 92: 1065-1073. PMID: 10880549
42. Dunkl, P., Taylor, A., McConnell, G., Alfano, A. and **Conaway, M.** (2001) "Responsiveness of Fibromyalgia Clinical Trial Outcome Measures", *Journal of Rheumatology*, **27**: 2683-2690. PMID: 11093454
43. Liptak, G., O'Donnell, M., **Conaway, M.**, Chumlea, W., Worley, G., Henderson, R., Fung, E., Stallings, V., Samson-Fang, L., Calvert, R., Rosenbaum, P. and Stevenson, R. (2001) "The Health Status of Children with Moderate to Severe Cerebral Palsy". *Developmental Medicine and Child Neurology*, **43**, 6: 364-370. PMID: 11409824
44. Halabi, S., **Conaway, M.**, Small, E., Vogelzang, N. and Dawson, N. (2001) "Serum Prostate Specific Antigen as a Predictor of Survival in Prostate Cancer Patients Treated with Second-Line Hormonal Therapy (CALGB 9181)", *The Prostate Journal* **3** (1), 18-25.
45. Alfano, A., Taylor, A., Dunkl, P., McConnell, G., **Conaway, M.** and Gillies, G. (2001) "Static Magnetic Fields for Treatment of Fibromyalgia: A Double-blind Randomized Controlled Trial" *Journal of Alternative and Complementary Medicine*, 7:53-64. PMID: 11246937
46. Mathes, D., **Conaway, M.**, and Ross, W. (2001) "Ambulatory surgery: Room air versus nasal cannula oxygen during transport after general anesthesia. *Anesthesia and Analgesia*, 93 (4): 917-921. PMID: 11574357

47. Henderson RC, Lark RK, Renner JB, Fung EB, Stallings VA, **Conaway M**, Stevenson RD. Dual X-ray absorptiometry assessment of body composition in children with altered body posture. *J Clin Densitom.* 2001 Winter;4(4):325-35. PMID:11748337
48. Johnson, M., Macdonald, T., Mannick, J., **Conaway, M.** and Gaston, B. (2001) "Accelerated S-Nitrosothiol Breakdown by Amyotrophic Lateral Sclerosis Mutant Copper, Zinc- Superoxide Dismutase". *Journal of Biological Chemistry*, 276:43 39872-39878. PMID: 11518706
49. Fung EB, Samson-Fang L, Stallings VA, **Conaway M**, Liptak G, Henderson RC, Worley G, O'Donnell M, Calvert R, Rosenbaum P, Chumlea W, Stevenson RD. Feeding dysfunction is associated with poor growth and health status in children with cerebral palsy. *J Am Diet Assoc.* 2002 Mar;102(3):361-73. PubMed PMID: 11902369
50. Peddada, S., Prescott, K., and **Conaway, M.** (2001) "Tests for Order Restrictions in Binary Data", *Biometrics.* 57 (4): 1219-1227 PMID: 11764263
51. Dunbar, S., **Conaway, M.** and Peddada, S. (2001) "On improved estimation of parameters subject to order restrictions" *Statistics and Applications* 3, 121-128.
52. Henderson, R., Lark, R., Gurka, M., Worley, G., Fung, E., **Conaway, M.**, Stallings, V. and Stevenson, R., (2002), "Bone Density and Metabolism in Children and Adolescents with Moderate to Severe Cerebral Palsy" *Pediatrics*, 111, e5. PMID: 12093986
53. Moore, S., Lima, A., **Conaway, M.**, Schorling, J., Soares, A., and Guerrant, R. (2001) "Early Childhood Diarrhea and Helminthiasis Associate with Long Term Growth Faltering" *International Journal of Epidemiology* 30 (6): 1457-1464. PMID: 11821364
54. Santen RJ, Pinkerton JV, **Conaway M**, Ropka M, Wisniewski L, Demers L, Klein KO, (2002) Treatment of urogenital atrophy with low dose vaginal estradiol, *Menopause*, 9, 3: 179-187. PMID: 11973441
55. Yue, W., Wang, J-P, **Conaway, M.**, Masamura, S. and Santen, R. (2002) "Activation of the MAP Kinase Pathway Enhances Sensitivity of MCF-7 Breast Cancer Cells to the Mitogenic Effect of Estradiol." *Endocrinology*. 143, 9, 3221-3229. PMID: 12193533
56. Detti, L., Mari, G. Cosmi, E., Akiyama, M., Moise, K., Stefos, T., **Conaway, M.** and Deter, R. (2002) "Longitudinal Assessment of the Middle Cerebral Artery Peak Systolic Velocity in Normal Fetuses and in Fetuses at Risk for Anemia." , *American Journal of Obstetrics and Gynecology*, 187 (4) 937-939. PMID: 12388981
57. Worley, G., Houlihan, C., Herman-Giddens, M., O'Donnell, M, **Conaway, M.**, Stallings, V., Chumlea, W.C., Henderson, R., Fung, E., Rosenbaum, P., Samson-Fang, L., Liptak, G., Calvert, R., and Stevenson, R. (2002) "Sexual Maturation in Children with Cerebral Palsy: a cross-sectional survey", *Pediatrics* PMID: 12415027
58. Samson-Fang, L., Fung, E., Stallings, V., **Conaway, M.**, Worley, G., Rosenbaum, P., Calvert, R., O'Donnell, M., Henderson, R., Chumlea, W., Liptak, G., Stevenson, R. (2002) "Nutritional Status and Its Relationship to Health and Societal Participation in Children with Moderate and Severe Cerebral Palsy" *Journal of Pediatrics*, 141 (5) 637 – 642. PMID: 12410191

59. Gildea, J., Javed Seraj, M., Oxford, G., Harding, M., Hampton, G., Moskaluk, C., Frierson, H., **Conaway, M.** and Theodorescu, D. (2002) "RhoGDI2 Is an Invasion and Metastasis Suppressor Gene in Human Cancer" *Cancer Research* 62: 6418-6423 PMID: 12438227
60. Bigler D, Gulding KM, Dann R, Sheabar FZ, **Conaway MR**, Theodorescu D (2003) "Gene profiling and promoter reporter assays: Novel tools for comparing the biological effects of botanical extracts on human prostate cancer cells and understanding their mechanisms of action", *Oncogene*, 22 (8): 1261-1272.
61. Abel MF, Damiano DL, Blanco JS, **Conaway M**, Miller F, Dabney K, Sutherland D, Chambers H, Dias L, Sarwark J, Killian J, Doyle S, Root L, LaPlaza J, Widmann R, Snyder B (2003) "Relationships among musculoskeletal impairments and functional health status in ambulatory cerebral palsy", *Journal of Pediatric Orthopedics* 23 (4): 535-541. PMID: 12826956
62. Patrick, P., Buck, M., **Conaway, M.** and Blackman, J. (2003) The use of dopamine enhancing medications with children in low response states following brain injury. *Brain Injury*, 27, 6, 497-506. PMID: 12745705
63. Rice, S.A., Elgin, K., Farrell, W., **Conaway, M.**, Allaire, J., Blackman, J. (2003) "Impact of shortened length of stay on outcome after pediatric rehabilitation" *American Journal of Physical Medicine & Rehabilitation*. 83(1):27-32, January 2004. PMID:14709972
64. Yue, W., Wang, J-P., **Conaway, M.**, Li, Y. and Santen, R. (2003) "Adaptive hypersensitivity following long-term estrogen deprivation: involvement of multiple signal pathways," *Journal of Steroid Biochemistry and Molecular Biology*, 86, 265-274. PMID: 14623520
65. McPherson, R., **Conaway, M.**, Gregory, C. Yue, W. and Santen, R. (2004) "The Novel Ras Antagonist, Farnesylthiosalicylate, Suppresses Growth of Prostate Cancer in vitro", *The Prostate*. 58:4, 325-334. PMID: 14968433
66. Berstein, L., Wang, J.-P., Zheng, H., **Conaway, M.** and Santen, R. (2004) "Long term exposure to tamoxifen induces hypersensitivity to estradiol" *Clinical Cancer Research*, 10 (4): 1530-1534. PMID: 14977857
67. **Conaway, M.**, Dunbar, S., and Peddada, S. (2004) "Designs for single or multiple agent phase I trials", *Biometrics*, 60, 661-669. PMID: 15339288
68. Black, B., Vitto, M., Gioeli, D. Spencer, A., Afshar, N., **Conaway, M.**, Weber, M. and Paschal, B. (2004) "Transient, Ligand-dependent Arrest of the Androgen Receptor in Sub-Nuclear Foci Alters Phosphorylation and Co-activator Interactions" *Molecular Endocrinology* 18 (4): 834-850 APR 1 2004 PMID: 14684849
69. Chen, P., Soares, A., Lima, A., Gamble, M., Schorling, J., **Conaway, M.**, Barrett, L., Blaner, W. and Guerrant., R. (2003) "Association of Vitamin A and Zinc Status with Altered Intestinal Permeability: Analyses of Cohort Data from Northeastern Brazil" 21(4):309-15

70. Theodorescu, D., Sapinoso, L., Hampton, G., **Conaway, M.** and Frierson, H. (2004) "The Metastasis Suppressor RhoGDI2 is an independent predictor of survival in bladder cancer" *Clinical Cancer Research*, 10: 3800-3806 PMID: 15173088
71. Wolf, A., **Conaway, M.**, Crowther, J., Hazen, K., Nadler, J., Oneida, B., and Bovbjerg, V. (2004) Translating Lifestyle Intervention to Practice in Obese Patients with Type 2 Diabetes: Improving Control with Activity and Nutrition (ICAN), *Diabetes Care* 27 (7): 1570-1576 PMID: 15220230
72. Houlihan, C., O'Donnell, M, **Conaway, M.**, Worley, M., Stallings, V., Chumlea, W., Henderson, R., Fung, E., Rosenbaum, P., Samson-Fang, L., Liptak, G., Calvert, R., and Stevenson, R. (2004) "Bodily Pain and Health Related Quality of Life in Children with Cerebral Palsy", *Developmental Medicine and Child Neurology* 46 (5): 305-310 PMID: 15132260
73. Nicholson, B., Frierson, H., **Conaway, M.**, Seraj, J., Harding, M., Hampton, G. and Theodorescu, D. (2004) Profiling the evolution of human metastatic bladder cancer. *Cancer Research* 64 (21) 7813-7821 PMID: 15520187
74. Nicholson, B., Gulding, K., **Conaway, M.**, Wedge, S., and Theodorescu, D., (2004) "Combination antiangiogenic and androgen deprivation therapy for prostate cancer: A promising therapeutic approach" *Clinical Cancer Research* 10 (24) 8728-8734 PMID: 15623658
75. Blackman, JA, Rice, SA, Matsumoto, JA; **Conaway, M.**, Elgin, K, Patrick, P., Farrell, W., Allaire, J., and Willson, D. (2005) "Brain Imaging as an Early Predictor of Outcome following Traumatic Brain Injury in Children" *Journal of Head Trauma Rehabilitation*, 18 (6): 493-503. PMID: 14707879
76. Kahaleh, M., Shami, V., Brock, A., **Conaway, M.**, Yoshida, C., Moskaluk, C., Adams, R., Tokar, J. and Yeaton, P. (2005) Factors Predictive of Malignancy and Endoscopic Resectability in Ampullary Neoplasia. *American Journal of Gastroenterology*,. 99 (12): 2335-2339. PMID: 15571579
77. Willson DF, Thomas NJ, Markovitz BP, Bauman LA, DiCarlo JV, Pon S, Jacobs BR, Jefferson LS, **Conaway MR**, Egan EA, and members of the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) (2005) "Effect of Exogenous Surfactant (Calfactant) in Pediatric Acute Lung Injury, *Journal of the American Medical Association* 293 (4): 470-476 PMID: 15671432
78. Kahaleh, M. Tokar, J., **Conaway, M.**, Brock, A., Le, T., Adams, R. and Yeaton, P. (2005) Efficacy and complications of covered Wallstents in malignant distal biliary obstruction. *Gastrointestinal Endoscopy*, 61:528-533. PMID: 15812404
79. Long, C., Farrell, W., Smolkin, M., **Conaway, M.** and Blackman, J. (2005) "A Comparison of Developmental versus Functional Assessment in the Rehabilitation of Young Children" *Pediatric Rehabilitation*, 8 (2), 156-161 PMID: 16089256
80. Titus, B., Frierson, H, **Conaway, M.**, Ching, K., Guise, T., Chirgwin, J., Hampton, G. and Theodorescu,, D. (2005) "Endothelin axis is a target of the lung metastasis suppressor gene RhoGD12", *Cancer Research*, 65 (16) 7320-7327, August 2005. PMID: 16103083

81. Sasano, H., Anderson, T., Silverberg, S., Santen, R, **Conaway, M.**, Edwards, D., Krause, A., Bhatnagar, A., Evans, D., Miller, W (2005) "The validation of new aromatase monoclonal antibodies for immunohistochemistry. A correlation with biochemical activities in 46 cases of breast cancer. *Journal of Steroid Biochemistry & Molecular Biology* 95: 35-39.
82. Kahaleh, M., Yeaton, P., Shami, V., DeLange, E., Bassignani, M., Gay, S., Adams, R., DeLaRue, S. and **Conaway, M.** (2006) " Endoscopic Ultrasound Drainage of Pancreatic Pseudocyst: A Prospective Comparison with Conventional Endoscopic Drainage". *Endoscopy*. 38 (4): 355-359 PMID: 16680634
83. Voros, S., Yang, Z. , Bove, C., Gilson, W., Epstein, F., French, B., Berr, S., Bishop, S., **Conaway, M.**, Matsubara, H., Carey, R., and Kramer, C. (2006) " The Interaction Between the AT1 and AT2 Receptor During Post-Infarction Left Ventricular Remodeling", *American Journal of Physiology: Heart and Circulatory Physiology*. 290 (3): H1004-H1010 MAR 2006 PMID: 16214839
84. Worden, M., Clark, C., **Conaway, M.** and Qadri, S. "Temperature dependence of cardiac performance in the lobster *Homarus americanus*." , (2006), *Journal of Experimental Biology*, 209; 1024-1034. PMID: 16513928
85. Bove, C. , DiMaria, J., Voros, S., **Conaway, M.** and Kramer , C. (2006) "Comparing Dobutamine Response and Myocardial Infarct Transmurality in Prediction of Functional Improvement after CABG: Initial experience. *Radiology* 240 (3): 835-841 SEP 2006 PMID: 16926330
86. Diamond, P., **Conaway, M.**, Mody, S., and Bhirangi, K. (2006) Influence of Hemoglobin Levels on Inpatient Rehabilitation Outcomes after Total Knee Arthroplast., *The Journal of Arthroplasty*. 21 (5): 636-641 AUG 2006 PMID: 16877147
87. Stevenson, RD, **Conaway, M.**, Barrington, J., Cuthill, S., Worley, G., and Henderson, R (2006) "Fracture Rate in Children with Cerebral Palsy", *Pediatric Rehabilitation* PMID: 17111566
88. Smith, S., Oxford, G., Wu, Z. , Nitz, M., **Conaway, M.**, Frierson, H., Hampton, G. and Theodorescu, D. (2006) The Metastasis-Associated Gene CD24 Is Regulated by Ral GTPase and Is a Mediator of Cell Proliferation and Survival in Human Cancer. *Cancer Research* 66 (4): 1917-1922 PMID: 16488989
89. Theodorescu, D., Wittke, S., Ross, M., Walden, M., **Conaway, M.**, Just, I., Mischak, H. and Frierson, H. (2006) "Development and validation of new protein biomarkers for urothelial cancer: a prospective analysis." *Lancet Oncology*: 7 (3): 230-240 MAR 2006 PMID: 16510332
90. Wu, Z., **Conaway, M.**, Gioeli, D. , Weber, M. and Theodorescu, D. (2006) Conditional expression of PTEN alters the androgen responsiveness of prostate cancer cells. *Prostate* 66 (10): 1114-1123 JUL 1 2006 PMID: 16637073
91. Gurka, M., Wolf, A., **Conaway, M.** Crowther, J., Nadler, J. and Bovbjerg, V. (2006) Lifestyle Intervention in Obese Patients with Type 2 Diabetes: The Impact of the Patient's Educational Background, *Obesity*, 14:1085-1092 PMID: 16861614
92. Copp, H, Chin, J, **Conaway, M** and Theodorescu, D (2006) "Prospective evaluation of the prognostic relevance of molecular staging for urothelial carcinoma" *Cancer* 107 (1): 60-66 JUL 1 2006 PMID: 16691580

93. Stevenson, R., **Conaway, M.**, Chumlea, WC, Rosenbaum, P., Fung, E., Henderson, R., Worley, G., Liptak, G., O'Donnell, M., Samson-Fang, L., and Stallings, V. (2006) "Growth and Health in Children with Moderate-Severe Cerebral Palsy", *Pediatrics*, Vol 118, Number 3, 1010-1018. PMID: 16950992
94. Patrick, P., Blackman, J., Mabry, J., Buck, M., Gurka, M., and **Conaway, M.** (2006) Dopamine Agonist Therapy in Low Response Children Following Acquired Brain Injury, *Journal of Child Neurology*, 2006;21:879–885 PMID: 17005105
95. Owen, J., **Conaway, M.**, Hayden, G. and Bailey, B. (2007) Assessing the accuracy of predictions of eventual rural practice using different definitions to classify medical school applicants as having a rural upbringing *Journal of Rural Health* (2): 133-140 SPR 2007 PMID: 17397369
96. Hymel, K., Makaroff, K., **Conaway, M.** and Blackman, J. (2007) Mechanisms, clinical presentations, depth, classification and outcomes from inflicted vs. non-inflicted pediatric traumatic brain injury: Results of a prospective, multi-centered, comparative study. *Pediatrics* 119 (5): 922-929. PMID: 17473092
97. Havaleshko DM, Cho H, **Conaway M**, Owens CR, Hampton G, Lee JK, Theodorescu D. (2007) Prediction of drug combination chemosensitivity in human bladder cancer. *Mol Cancer Ther.* 6(2):578-86. PMID: 17308055
98. Herlevsen, M., Oxford, G., Ptak, C., Shabanowitz, J., Hunt, D., **Conaway, M.** and Theodorescu, D. (2007) A novel model to identify interaction partners of the PTEN tumor suppressor gene in human bladder cancer. *Biochemical and Biophysical Research Communications* 352 (2): 549-555 Jan 12 2007. PMID: 17126809; PMCID: PMC1933505
99. Saleh, K., Quick, J., **Conaway, M.**, Sime, W., Martin, W., Hurwitz, S. and Einhorn, T. (2007) "The Orthopaedic Forum: Prevalence and Severity of Burnout Amongst Academic Orthopaedic Departmental Leaders" *Journal of Bone and Joint Surgery – American Volume* 89A (4): 896-903 APR 2007 PMID: 17403815
100. Wu, Y., McRoberts, K., Berr, S., Frierson, H., **Conaway, M.** and Theodorescu, D. (2007) Neuromedin U is regulated by the metastasis suppressor RhoGDI2 and is a novel promoter of tumor formation, lung metastasis and cancer cachexia. *Oncogene* 26 (5) 765-773. PMID: 16878152
101. Kahaleh, M. Bock, A., **Conaway, M.** Shami, V., Dumonceau, J., Northup, P., Tokar., J., Rich, T., Adams, R., and Yeaton., P. (2007) Covered self-expandable metal stents in pancreatic malignancy regardless of resectability: a new concept validated by a decision analysis. *Endoscopy* 39 (4) 319 – 324. PMID: 17357951
102. Wolf, A, Siadat, M., Yaeger, B., **Conaway, M.**, Crowther, J., Nadler, J., Bovbjerg, V. (2007) Effects of Lifestyle Intervention on Health Care Costs: Improving Control with Activity and Nutrition (ICAN). *Journal of the American Dietetic Association*, 107 (8): 1365-1373 AUG 2007 PMID: 17659904
103. Shami, V., Sundaram, V., Stelow, E., **Conaway, M.**, Moskaluk, C., White, G., Adams, R., Yeaton, P. and Kahaleh, M. (2007) The Level of Carcinoembryonic Antigen and the Presence of Mucin as Predictors of Cystic Pancreatic Mucinous Neoplasia, *Pancreas*, 34 (4): 466-469 PMID: 17446847

104. Casarez, EV, Dunlap-Brown, ME, **Conaway, MR** and Amorino, GP. (2007) Radiosensitization and modulation of p44/42 Mitogen-activated protein kinase by 2-methoxyestradiol in prostate cancer models. *Cancer Research*, 67 (17): 8316-8324 PMID: 17804747
105. Mischak, H., Apweiler, R., Banks, R., **Conaway, M.**, Coon, J., Dominiczak, A., Ehrich, J. Fliser, D., Girolami, M., Hermjakob, H., Hochstrasser, D., Jankowski, J., Julian, B., Kolch, W., Massy, Z., Neusuess, C., Novak, J., Karlheinz P., Rossing, K., Schanstra, J. , Semmes, O, Theodorescu, D., Thongboonkerd, V., Weissinger, E., Van Eyk, J, Yamamoto, T (2007) Clinical proteomics: A need to define the field and to begin to set adequate standards. *Proteomics and Clinical Applications*, 1 (2) 148-156.
106. Quatrara, B., Coffman,J., Jenkins, T., Mann, K., McGough, K., **Conaway, M.** and Burns, S. (2007) The Effect of Respiratory Rate and Ingestion of Hot & Cold Beverages on the Accuracy of Oral Temperatures Measured by Electronic Thermometers, *MEDSURG Nursing*, pp 105-110. PMID: 17547268
107. Herlevsen, M. Oxford, G., Owens, C., **Conaway, M.** and Theodorescu, D. (2007) Depletion of major vault protein increases doxorubicin sensitivity and nuclear accumulation and disrupts its sequestration in lysosomes, *Molecular Cancer Therapeutics* 6, 1804-1813 PMID: 17575109
108. Kesler, C. , Gioeli, D., **Conaway, M**, Weber, M. and Paschal, B. (2007) "Subcellular localization modulates activation function 1 domain phosphorylation in the androgen receptor", *Molecular Endocrinology*, 21 (9): 2071-2084. PMID: 17579212
109. Young, J., DuBose, J., Hedrick, T., **Conaway, M.** and Nolley, B. (2007) The Use of "War Games" to Evaluate Performance of Students and Residents in Basic Clinical Scenarios: A Disturbing Analysis" *Journal of Trauma- Injury Infection and Critical Care* 63 (3): 556-564 SEP 2007 PMID: 18073601
110. Bigler, D., Gioeli, D., **Conaway, M.**, Weber, M. and Theodorescu, D. (2007) Rap2 regulates androgen sensitivity in human prostate cancer cells. *Prostate* 67 (14) 1590-1599 PMID: 17918750
111. Winfield C, Davis S, Schwaner S, **Conaway M**, Burns SM. (2007) Evidence: the first word in safe I.V. practice. *American Nurse Today*. 2007; 2: 31-33.
112. Trotter BS, Brock JL, Schwaner SS, **Conaway M**. Burns SM. (2008) Central venous dressings put to the test. *American Nurse Today*. 2008; 3: 43-44.
113. Corbett, E., Elnicki, X, **Conaway, M.** (2008) "Clerkship Directors Opinions About the Teaching of Physical Examination Skills to Third Year Students: A National Survey" *Academic Medicine*, Jan;83(1):96-99. PMID: 18162759
114. Wang, H., Larrieviere, K., Keller, K., Ware, K., Burns, T. **Conaway, M.**, Lacomis, D., Pattee, G., Phillips, L., Solenski, N., Zivkovic, S., and Bennett, j. (2008). R(+) Pramipexole as a Mitochondrially Focused Neuroprotectant: Initial Early Phase Studies in ALS. *Amyotrophic Lateral Sclerosis*, 9, #1, pp50-58. PMID: 18270879
115. McCulloch MA, **Conaway M**, Haizlip JA, Buck ML, Bovbjerg V, Hoke TR (2008) "Retrospective Evaluation of Post-Operative Chylothorax Development in Pediatric Patients Undergoing Surgery for Congenital Heart Disease, *Pediatric Cardiology*, 29 , 556-561 PMID: 18030412

116. Burns TM, **Conaway M**, Cutter G, Sanders DB and The Muscle Study Group (2008) . Less is more, or almost as much. The development of a fifteen-item quality-of-life instrument for patients with myasthenia gravis. *Muscle and Nerve*, 38 Issue: 2 Pp: 957-963 PMID: 18642357
117. Liu, L., **Conaway, M.** Knaus, W. and Bergin, J. (2008) "A random effects four-part model, with application to correlated medical costs", *Computational Statistics and Data Analysis*. **52**, 4458-4473
118. Wu Z, Gioeli D, **Conaway M**, Weber MJ, Theodorescu D. (2008) "Restoration of PTEN expression alters the sensitivity of prostate cancer cells to EGFR inhibitors." *Prostate*, 68, 9. pp: 935-944 PMID: 18386291; PMCID: PMC2748221
119. Fedoruk, L., Wang, H., **Conaway, M.**, Kron, IL, Johnston, K (2008) Statin therapy improves outcomes after valvular heart surgery. *Annals of Thoracic Surgery*. 85, 5, 1521 – 1526. PMID: 18442531; PMCID: PMC2747026
120. Turner, M. Burns, S. Cheney, C., **Conaway, M.** Dame, M. Parks, C., Staggers, S., Stell, M and Zarzyski, M. (2008) Measuring blood pressure accurately in an ambulatory cardiology clinic setting: do patient position and timing really matter? *Medsurg Nursing*. 2008 Apr ;17 (2):93-8 PMID: 18517168
121. Schwartz, M., McRoberts, K., Coyner, M., Andarawewa1, K., Frierson, H., Sanders, J., Swenson, S., Markland, F., **Conaway, M.** and Theodorescu, D. (2008) Integrin Agonists as Adjuvants in Chemotherapy for Melanoma. *Clinical Cancer Research*, 14, 6193-6197, October 1, 2008 PMID: 18829498
122. Burns, T., **Conaway, M.**, Cutter, G., Sanders, D. and the Muscle Study Group. (2008) Construction of an efficient evaluative instrument for myasthenia gravis: the MG composite. *Muscle and Nerve* 38: 1153-1562. PMID: 19016543
123. Klotz, K., Coppola, M. Labrecque, M., Brugh, V., Ramsey, K., Kim, K., **Conaway, M.**, Howards, S., Flickinger, C., and Herr, J. (2008) Clinical and Consumer Trial Performance of a Sensitive Immunodiagnostic Home Test That Qualitatively Detects Low Concentrations of Sperm Following Vasectomy . *The Journal of Urology*, Volume 180 , Issue 6 , Pages 2569 - 2576 PMID: 18930494; PMCID: PMC2657845
124. Kilbridge, K., Fraser, G., Krahm, M., **Conaway, M.**, Bashore, R., Wolf, A., Barry, M., Gong, D., Nease, R., Connors, A. (2009) Comprehension of Common Prostate Cancer Terms: Results from an Underserved Population. *Journal of Clinical Oncology*. 2009 Apr 20;27(12):2015-21 PMID: 19307512; PMCID: PMC2669763
125. Slack-Davis, J., Atkin, K., Harrer, C. , Hershey, D. and **Conaway, M.** (2009) Vascular Cell Adhesion Molecule-1 Is a Regulator of Ovarian Cancer Peritoneal Metastasis. *Cancer Res* 2009; 69: (4). February 15, 2009 PMID: 19208843
126. McDaniel C., Burkett,A., Cormier, M., Duvall,J., Davis,S., Gabriel,L., Elmore,G., Mahaffey,N., Moran, M., Silver, A., Burns, S. and **Conaway, M.**, (2009) PICC, the Music and Travel to the Port of Relaxation: The Effects of Music on Perceived Pain and Anxiety in Patients Receiving PICCs and Port-A-Caths. *Journal of Radiology Nursing*. Volume 28, Issue 1, 32-34

127. Galgano, M., **Conaway, M.**, Spencer, A., Paschal, B. and Frierson, H. (2009) PRK1 Distribution in Normal Tissues and Carcinomas: Overexpression and Activation in Ovarian Serous Carcinoma. *Human Pathology*, 40 , 10 1434-1440 PMID: 19427017; PMCID: PMC2744839
128. Yen, WW, Williams, M., Periasamy, A., **Conaway, M.**, Burdsal, C., Keller, R., Lu, X., and Sutherland, A. (2009) PTK7 is essential for polarized cell motility and convergent extension during mouse gastrulation *Development* 136, 2039-2048. PMID: 19439496; PubMed Central PMCID: PMC2685725
129. Said, N., Frierson, H. Chernauskas, D., **Conaway, M.**, Motamed, K. and Theodorescu, D. (2009) The role of SPARC in the TRAMP model of prostate carcinogenesis and progression. *Oncogene* Vol 28 , 39, 3487-3498 PMID: 19597474
130. Johnston, K., Hall,C., Kissela, B., Bleck, T. and **Conaway, M.** for the GRASP Investigators (2009) Glucose Regulation in Acute Stroke Patients (GRASP) Trial. A Randomized Pilot Trial. *Stroke* 40: 12, 3804-3809. PMID: 19834016. PMC2790382
131. Construct and concurrent validation of the MG-QOL15 in the practice setting. Burns TM, Grouse CK, **Conaway MR**, Sanders DB; The MG Composite and MG-QOL15 study group. (2009) *Muscle & Nerve*. PMID: 19941339
132. Witmer, M., Tiedemean, J., Olsakovsky, L., **Conaway, M.** and Prum, B. (2010) Long-term intraocular pressure control and corneal graft survival in eyes with a pars plana Baerveldt implant and corneal transplant. *Journal of Glaucoma*. 19(2):124-31. PMID: 19528824
133. Cross KM, Gurka KK, **Conaway M**, Ingersoll CD. Hamstring strain incidence among genders and sports in NCAA athletics. *Athl Train and Sports Health Care*. 2010;2:124-130.
134. Hehir, M. Burns T., Alpers, J. , **Conaway, M.**, Sawa M. and Sanders D. (2010) Mycophenolate Mofetil in AChR-antibody Positive Myasthenia Gravis: Outcomes in 102 patients. *Muscle and Nerve*. 41(5):593-8 PMID 20405499
135. Burns, T., **Conaway, M.**, Sanders, D. and on behalf of the MG Composite and the MG-QOL15 Study Group. (2010) The MG Composite: A valid and reliable outcome measure for myasthenia gravis. *Neurology*, 74, 1434-1440. PMID: 20439845
136. Oeffinger, D, **Conaway M.** , Stevenson, R. Hall, J, Shapiro, R and Tytkowski, C. (2010) Tibial Length Growth Curves for Ambulatory Children with Cerebral Palsy . *Developmental Medicine and Child Neurology*. Sep;52(9):e195-201. PMID: 20561007
137. Burns, S., Fisher, C., Tribble, S., Lewis, R., Merrel, P., **Conaway, M.** and Bleck, T. (2010). Multifactor Clinical Score and Outcome of Mechanical Ventilation Weaning Trials: Burns Wean Assessment Program. *American Journal of Critical Care*. 2010;19: 431-439. PMID: 20810418
138. Yue, W., Wang, J.P., Li, Y., Liu, G., Zhang, N. **Conaway, M.**, Wang, H., Korach, K., Bocchinfuso, W. and Santen, R. (2010) . Effects of estrogen on breast cancer development: Role of estrogen receptor independent mechanisms. *Int J Cancer*. Volume: **127** Issue: **8** Pages: **1748-1757** PMID: 20104523

139. Prachar T, Mahanes, D, Arceneaux, A, Moss, B, Jones, S., **Conaway M.** and Burns, S. (2010) Recognizing the needs of family members of neuroscience patients in an intensive care setting. *Journal of Neuroscience Nursing*, Vol 42, 5, pp 274-279. Oct 2010. PMID: 20968223
140. Gordon, V., Bhadel, S. , Wunderlich, W., Zhang, J., Ficarro, S., Mollah, S., Shabanowitz, J., Hunt, D., Xenarios, I., Hahn, W., **Conaway, M.** Carey, M and Gioeli, D. CDK9 regulates AR promoter selectivity and cell growth through serine 81 phosphorylation (2010), *Molecular Endocrinology*, 24(12):2267-80. PMID: 20980437. PMC2999477
141. O'Quigley, J. and **Conaway, M.** (2010) Continual Reassessment and Related Dose-Finding Designs. *Statistical Science*, Vol. 25, No. 2, 202–216. PMID: 21731191. PMCID: PMC3128794
142. Wang, H., Owens, C., Chandra, N., **Conaway, M.**, Brautigan, D. and Theodorescu, D. (2010) Phosphorylation of RalB is important for bladder cancer cell growth and metastasis. *Cancer Research*. 70(21) November 1. PMID: 20940393, PMCID: PMC3025490
143. Wu, Z., Owens, C., Chandra, N., Popovic, K., **Conaway, M.** and Theodorescu, D. (2010) RalBP1 is necessary for metastasis of human cancer cell lines, *Neoplasia*, Volume 12, Issue 12, pp 1003-1012. PMID: 21170262. PMCID: PMC3003135
144. Burns TM, Grouse CK, Wolfe GI, **Conaway M**, Sanders DB; MG Composite and MG-QOL15 Study Group. (2011) The MG-QOL15 for following the health-related quality of life of patients with myasthenia gravis. *Muscle and Nerve*, Jan;43(1):14-8. PMID 21082698.
145. Parks, C., Turner, M., BSN, Perry, M., Hooper, E., Lyons, R., Chanie, C., **Conaway, M.** and Burns, S. (2011), Educational Needs: What Female Patients Want from their Cardiovascular Health Care Providers" *MEDSURG Nursing, The Journal of Adult Health*. Vol. 20, No. 1, pp 21-28 (Note: winner of the MedSurg Nursing Research for Practice Writer's Award).
146. O'Quigley, J. and **Conaway, M.** (2011) Extended model based designs for more complex dose finding studies. *Statistics in Medicine*. Volume: 30 Issue: 17. pp 2062-2069 PMID: 21351287. PMCID: PMC3480175
147. Wages, N. , **Conaway, M.** and O'Quigley, J. (2011) Continual reassessment method for partial ordering, *Biometrics*. 67(4):1555-63 PMID: 21361888, PMC3141101
148. Elgin K, Cozzi K, Fowler MA, Perry SA, Davis MS, **Conaway MR**, Quatrara BA, Burns SM.(2011) Maintaining patency with packed red blood cell infusions: comparison of IV normal saline infusion vs. normal saline syringe method. *Medsurg Nurs*. 2011 May-Jun;20(3):134-8. PMID: 21786489
149. Wages, N. , **Conaway, M.** and O'Quigley, J. (2011), "Dose-finding Design for Multi-drug Combinations", *Clinical Trials: Journal of the Society for Clinical Trials* Vol: 8 Issue: 4 pp: 380-389 PMID: 21652689. PMC3485079
150. Gioeli, D., Wunderlich, W, , Leopold, J., Bekiranov, S., , Wulfkuhle, J., Petricoin, E., **Conaway M**, and Weber M. (2011) Compensatory pathways induced by MEK inhibition are effective drug targets for combination therapy against castration resistant prostate cancer. *Molecular Cancer Therapeutics*. Sep;10(9):1581-90 PMID: 21712477. PMCID: PMC3315368

151. Ballew, C., Buffmire, MV, Fisher, C; Schmidt, P, Quatrara, B. **Conaway, M.** and Burns, S (2011) Factors Associated with the level of backrest elevation in a thoracic cardiovascular intensive care unit. *American Journal of Critical Care*. Vol 20: 5 pp: 395-399, SEP 1 2011. PMID: 21885461
152. Muppidi S, Wolfe GI, **Conaway M**, Burns TM; and the MG Composite and Muscle Study Group (2011) MG-ADL: Still a relevant outcome measure. *Muscle Nerve*. 2011 Nov;44(5):727-31. PMID: 2200668. PMC1568313.
153. Khatri P, **Conaway MR**, Johnston KC; for the Acute Stroke Accurate Prediction Study (ASAP) Investigators. Ninety-Day Outcome Rates of a Prospective Cohort of Consecutive Patients With Mild Ischemic Stroke. *Stroke*. 2011 Nov 3. [Epub ahead of print] PMID: 22052513. PMCID: PMC3426999
154. Blackman JA, **Conaway MR.** (2011) Changes Over Time in Reducing Developmental and Behavioral Comorbidities of Asthma in Children. *J Dev Behav Pediatr*. 2011 Dec 8. [Epub ahead of print] PMID: 22157350
155. Burns, S., Fisher, C., Tribble, S., Lewis, R., Merrel, P., **Conaway, M.** and Bleck, T. (2012). The relationship of 26 clinical factors to weaning outcome. *American Journal of Critical Care*. January 2012 21:8. PMID: 22210700
156. Sadjadi, R., **Conaway, M.**, Cutter, G., Sanders, D., Burns, T and the MG Composite and MG-QOL15 Study Group. (2012) Psychometric evaluation of the myasthenia gravis composite (MGC) using Rasch analysis. *Muscle and Nerve*. 2012 Jun;45(6):820-825, PMID: 22581534
157. Phillips, E., **Conaway, M.**, Jagger, J. (2012) Percutaneous Injuries before and after the Needlestick Safety and Prevention Act. *New England Journal of Medicine*. 366: 7, p. 671-672. PMID: 22335760
158. Whitworth, H., Bhadel, S., Ivey, M., **Conaway, M.**, Spencer, A., Hernan, R., Holemon, H. and Gioeli, D. (2012) Identification of kinases regulating prostate cancer cell growth using an RNAi phenotypic screen. *PLoS ONE*. 7(6): e38950. doi:10.1371/journal.pone.0038950. PMID 22761715. PMCID: PMC3384611
159. Turner, M., Burns, S., Knight, L., Ward, K., Garo, A., Morris, T., Hooper, E., and **Conaway, M.** (2012) Weight Management Practices among Heart and Vascular Health Care Providers in an Ambulatory Setting. *Medsurg Nursing*. Vol. 21: 4 pp 222-232.
160. Pritchard, J., **Conaway, M.**, Silva, C., Parsons, S. (2012), A Mechanistic Study of the Effect of Doxorubicin/Adriamycin on the Estrogen Response in a Breast Cancer Model. *Oncology* 2012;83:305-320. PMID: 22964943. PMC3677554
161. Wages, N., **Conaway, M** and O'Quigley (2012) Using the time-to-event continual reassessment method in the presence of partial orders. *Statistics in Medicine*, Vol 32, 1: 131-141 PMID: 22806898. PMCID: PMC3521068
162. Overdevest, J., Knubel, K., Duex, J., Thomas, S., Nitz, M., Harding, M., Smith, S., Frierson, H., **Conaway, M.** and Theodorescu, D. (2012) CD24 expression is important in male urothelial

tumorigenesis and metastasis in mice and is androgen regulated. *Proceedings of the National Academy of Sciences* Published online before print September 25, 2012, doi: 10.1073/pnas.1113960109. PMID:23012401, PMCID: PMC3529071

163. Tewalt EF, Cohen JN, Rouhani SJ, Guidi CJ, Qiao H, Fahl SP, **Conaway MR**, Bender TP, Tung KS, Vella AT, Adler AJ, Chen L, Engelhard VH (2012) Lymphatic endothelial cells induce tolerance via PD-L1 and lack of costimulation leading to high-level PD-1 expression on CD8 T cells. *Blood*. 2012 Sep 19. [Epub ahead of print]. PMID: 22993390, PMCID: PMC3520619

164. Nealy R, McCaskill C, **Conaway MR**, Burns SM. (2012) The aching feet of nurses: an exploratory study. *Medsurg Nurs*. 2012 Nov-Dec;21(6):354-9. PMID: 23477028

165. Ng J, **Conaway MR**, Rigby AS, Priestman A, Baxter PS (2013) Methods of Standing from Supine and Percentiles for Time to Stand and to Run 10 Meters in Young Children. *Journal of Pediatrics*. Mar 162(3): 552-556. PMID: 23058291

166. Mills JT, Burris MB, Warburton DJ, **Conaway MR**, Schenkman NS, Krupski TL. (2013) Positioning Injuries Associated with Robotic-Assisted Urologic Surgery. *Journal of Urology* Aug;190(2):580-4.PMID: 23466240.

167. Harmon SL, **Conaway M**, Sinkin RA, Blackman JA (2013) Factors Associated With Neonatal Intensive Care Follow-up Appointment Compliance. *Clinical Pediatrics* (Phila). 2013 2013 May;52(5):389-96 PMID: 23426231.

168. Cross KM, Gurka KK, Saliba S, **Conaway M**, Hertel J (2013) Comparison of Hamstring Strain Injury Rates Between Male and Female Intercollegiate Soccer Athletes. *Am J Sports Med*. Am J Sports Med. 2013 Apr;41(4):742-8. PMID: 23408592

169. Axelrod, M., Gordon, VL, **Conaway, M.**, Tarcsafalvi, A., Neitzke, Gioeli, D. and Weber, MJ (2013) Combinatorial drug screening identifies compensatory pathway interactions and adaptive resistance mechanisms *Oncotarget*, Vol 4, 1:622-635. PMID: 23599172. PMCID: PMC3720609

170. Dean PN, McHugh KE, **Conaway MR**, Hillman DG, Gutgesell HP (2013) Effects of Race, Ethnicity, and Gender on Surgical Mortality in Hypoplastic Left Heart Syndrome. *Pediatric Cardiology*. 2013 May 31. [Epub ahead of print]. PMID: 23722968.

171. Wages NA, **Conaway MR** (2013) Specifications of a continual reassessment method design for phase I trials of combined drugs. *Pharmaceutical Statistics*. 2013 Jul;12(4):217-24 PMID: 23729323. PMCID: PMC3771354

172. Winfield, C., Knicely, C., Jensen, C, Taylor, S., Thomas, K., **Conaway, M.**, Burns, S. and Quatrara, B. (2013) What is the Least Painful Method of Anesthetizing a Peripheral IV Site? *Journal of PeriAnesthesia*. Aug;28(4):217-22. doi: 10.1016/j.jopan.2012.09.007. PMID: 23886286

173. Blackman, J, and **Conaway, M.** (2013) Developmental, emotional and behavioral co-morbidities across the chronic health condition spectrum. *Journal of Pediatric Rehabilitation Medicine*, Vol 6, No. 2. pp 63-71. June 2013. PMID: 23803339

174. Willson DF, Thomas NJ, Tamburro R, Truemper E, Truwit J, **Conaway M**, Traul C, Egan EE; for the Pediatric Acute Lung and Sepsis Investigators Network (2013) Pediatric Calfactant in Acute Respiratory Distress Syndrome Trial. *Pediatric Critical Care Medicine* 2013 Jul 10. [Epub ahead of print] PMID: 23846250
175. Trotter B, **Conaway MR**, Burns SM. (2013) Relationship of glucose values to sliding scale insulin (correctional insulin) dose delivery and meal time in acute care patients with diabetes mellitus. *Medsurg Nursing*. 2013 Mar-Apr;22(2):99-104, 135. PMID: 23802496
176. Jazaeri, A., Shibata, E., Park, J., Bryant, J., **Conaway, M.**, Modesitt, S., Smith, P., Milhollen, M., Berger, A., and Dutta, A., (2013) Overcoming platinum resistance in preclinical models of ovarian cancer using the neddylation inhibitor MLN4924. *Molecular Therapeutics*. Published OnlineFirst August 12, 2013; doi: 10.1158/1535-7163.MCT-12-1028. PMID: 23939375. PMCID: PMC3795967.
177. Willson DF, Thomas NJ, Tamburro R, Truemper E, Truwit J, **Conaway M**, Traul C, Egan EE; in collaboration with Pediatric Acute Lung and Sepsis Investigators Network. (2013) The Relationship of Fluid Administration to Outcome in the Pediatric Calfactant in Acute Respiratory Distress Syndrome Trial. *Pediatric Critical Care Medicine*. Sep;14(7):666-72. PMID: 23925143
178. Phillips, E., **Conaway, M.**, Parker, G., Perry, J., and Jagger, J. (2013) Issues in Understanding the Impact of the Needlestick Safety and Prevention Act on Hospital Sharps Injuries. *Infection Control and Hospital Epidemiology*, Vol. 34, No. 9 (September 2013), pp. 935-939. Article DOI: 10.1086/671733. PMID: 23917907
179. Scalaci, J., Thomas, S., Harrer, C., Ranies, T., Curran, J., Atkins, K., **Conaway, M.**, Duska, L., Kelly, K., and Slack-Davis, J. (2013) VCAM-1 as an Indicator of Treatment Efficacy in Metastatic Ovarian Cancer. *J Nucl Med* 2013; 54:1–7. PMID: 24029657. PMCID: PMC3992874
180. Barth, D., Quatrara, B., **Conaway, M.** and Burns. S., (2013), Blood conservation: What is current blood draw practice? *Journal of Infusion Nursing Imaging*. 2013 Sep-Oct;36(5):323-8. PMID: 24006110
181. Wages NA, **Conaway MR**, O'Quigley J. (2013) Performance of two-stage continual reassessment method relative to an optimal benchmark. *Clinical Trials*. Volume: 10 Issue: 6 Pp: 862-875 PMID: 24085776. PMCID: PMC4361948
182. Carmody JB, Seckeler MD, Ballengee CR, **Conaway M**, Jayakumar KA, Charlton JR (2014) Pre-operative renal volume predicts peak creatinine after congenital heart surgery in neonates. *Cardiol Young*. Volume: 24 Issue: 5 Pages: 831-839 PMID: 24229479
183. Kicker JS, Willson DF, Kelly RL, Jane JA Jr, Roberts SE, **Conaway MR** (2014) Impact of supplemental vitamin k1 administration on postoperative blood component requirements after craniosynostosis repair: a prospective, placebo-controlled, randomized, blinded study. *J Craniofac Surg*. 2014 Jan;25(1):154-9. PMID: 24406570
184. Wages NA, O'Quigley J, **Conaway MR** (2014) Phase I design for completely or partially ordered treatment schedules. *Statistics in Medicine*. Volume: 33 Issue: 4 Pages: 569-579 Published: FEB 20 2014. PMID: 24114957; PMCID: PMC3947103

185. Willson DF, **Conaway M**, Kelly R, Hendley JO (2014) The lack of specificity of tracheal aspirates in the diagnosis of pulmonary infection in intubated children. *Pediatr Crit Care Med*. 2014 PMID: 24614608 May;15(4):299-305.
186. Blackman, J. and **Conaway, M.** (2014) Adolescents with Cerebral Palsy: Transitioning to Adult Healthcare Service. *Clinical Pediatrics*. Volume: 53 Issue: 4 Pages: 356-363 Published: APR 2014 PMID: 24275216.
187. Axelrod MJ, Gordon V, Mendez RE, Leimgruber SS, **Conaway MR**, Sharlow ER, Jameson MJ, Gioeli DG, Weber MJ (2014) p70S6 kinase is a critical node that integrates HER-family and PI3 kinase signaling networks. *Cellular Signalling*. Volume: 26 Issue: 8 Pages: 1627-1635 Published: AUG 2014. PMID: 24662264. PMCID: PMC4091927
188. Wages NA, **Conaway MR** (2014) Phase I/II adaptive design for drug combination oncology trials. *Statistics in Medicine*. May 30;33(12):1990-2003. PMID: 24470329. PMCID: PMC4258389
189. Abebe, L., Smith, J., Narkiewicz, S., Oyanedel-Craver, V., **Conaway, M.**, Singo, A., Amidou, S., Mojapelo P., Brant, J. and Dillingham, R. (2014) Ceramic water filters impregnated with silver nanoparticles as a point-of-use water-treatment intervention for HIV-positive individuals in Limpopo Province, South Africa: a pilot study of technological performance and human health benefits, *Journal of Water and Health*. 2014 Jun;12(2):288-300. PMID: 24937223
190. Kaufman DA, Blackman A, **Conaway MR**, Sinkin RA (2014) Nonsterile Glove Use in Addition to Hand Hygiene to Prevent Late-Onset Infection in Preterm Infants: Randomized Clinical Trial. *JAMA Pediatrics*. 2014 Oct;168(10):909-16. PMID: 25111196
191. Zarling, A., Obeng, R., Desch, A., Pinczewski, J., Cummings, K., Deacon, D., **Conaway, M.**, Slingluff, C. and Engelhard, V (2014) MHC-Restricted Phosphopeptides from Insulin Receptor Substrate-2 and CDC25b Offer Broad-Based Immunotherapeutic Agents for Cancer. *Cancer Research*; 74(23); 1–12. PMID: 25297629. PMCID: PMC4252710
192. Crocker, J. , Yu, H., **Conaway, M.**, Tuskey, A. and Behm, B. (2014) Narcotic Use and Misuse in Crohn's Disease. *Inflammatory Bowel Diseases* 20:12 2234-2238. PMID: 25208105
193. Manger JP, Nelson M, Blanchard S, Helo S, **Conaway M**, Krupski T (2014) Alvimopan: A cost-effective tool to decrease cystectomy length of stay. *Cent European J Urol*. 2014;67(4):335-41. PMID: 25667750 PMCID: PMC4310883
194. Axelrod MJ, Mendez RE, Khalil A, Leimgruber SS, Sharlow ER, Capaldo B, **Conaway M**, Gioeli DG, Weber MJ, Jameson MJ (2015) Synergistic apoptosis in head and neck squamous cell carcinoma cells by co-inhibition of insulin-like growth factor-1 receptor signaling and compensatory signaling pathways. *Head and Neck*. 2015 Dec;37(12):1722-32 PMID: 24986420
195. Paquette C, Jeffus SK, Quick CM, **Conaway M**, Stoler MH, Atkins KA (2015) Interobserver Variability in the Application of a Proposed Histologic Subclassification of Endocervical Adenocarcinoma. *The American Journal of Surgical Pathology*. Vol. 39 (1) 93-100. PMID:25188867

196. Andarawewa K., Moissoglu K. Sup Lee C., Ando Y., Yu M., Debnath P., Shannon J., Sirinivasan S., **Conaway M.**, Weber M., and Schwartz M. (2015) Integrin adjunct therapy for melanoma. *Pigment Cell Melanoma Res.* 2015 Jan;28(1):114-6. PMID: 25264294
197. Willson, D, Truwit, J., **Conaway, M.**, Traul, C., and Egan, E. (2015) The Adult Calfactant in Acute Respiratory Distress Syndrome (CARDS) Trial. *Chest.* Volume: 148 Issue: 2 Pages: 356-364 Published: AUG 2015. PMID: 25855884
198. Hardesty, A., Letzkus, L., Miller, J., Turner, L., and **Conaway, M.** (2015) Determining the reliability of the Withdrawal Assessment Tool-1 in comparison to the Neonatal Drug Withdrawal Scoring System. *Clinical Nursing Studies* 2015, Vol. 3, No. 4, pp 66-71.
199. Cross KM, Saliba SA, **Conaway M**, Gurka KK, Hertel J. Days to Return to Participation After a Hamstrings Strain Among American Collegiate Soccer Players. *Journal of Athletic Training.* 2015 May 15. [Epub ahead of print] PMID: 25978100
200. Henley, N, Quatrara, B; **Conaway, M** (2015) A Pilot Study: Comparison of Arm Versus Ankle Noninvasive Blood Pressure Measurement at 2 Different Levels of Backrest Elevation. *Dimensions of Critical Care Nursing:* July/August 2015. Volume 34, Issue 4: 232–235. PMID: 26050057
201. Peck,T., Scharf, R., **Conaway, M.**, and DeBoer, M. (2015) Viewing as little as 1 hour of TV daily is associated with higher change in BMI between kindergarten and first grade. *Obesity*, Volume 23, Issue 8, pages 1680–1686, August 2015. PMID: 26179163
202. Gwathmey, K, **Conaway, M.**, Sadjadi,R., Joshi, A. Barnett,C., Bril,V., Ng, E., David, W., Gable, K., Guptill, J., Hobson-Webb, L., Dineen, J., Hehir, M., Brannagan, T., Byun, E., Adler, M., and Burns, T. (2015) Construction and validation of the chronic acquired polyneuropathy patient-reported index, “CAP-PRI:” a disease-specific, health-related quality of life instrument. *Muscle and Nerve.* [epub ahead of print] DOI: 10.1002/mus.24985 PMID: 26600438
203. Scharf, R. , Stroustrup, A., **Conaway, M.** and deBoer, M. (2015) Growth and development in children born very low birthweight. *Archive of Disease in Childhood - Fetal and Neonatal Edition.* [epub ahead of print] doi:10.1136/archdischild-2015-309427. PMID: 26627552
204. Ta, H., Ivey, M., Frierson, H. , **Conaway, M.**, Dziegielewski, J. Lerner, J. and Gioeli, D. (2015) Checkpoint Kinase 2 Negatively Regulates Androgen Sensitivity and Prostate Cancer Cell Growth. *Cancer Research.* Volume: 75 , Issue: 23 , Pages: 5093-5105 Published: DEC 1 2015. PMID: 26573794. PMCID: PMC4668217
205. Ingersoll, KS, Dillingham, RA , Hetteima, JE, **Conaway, M** , Freeman, J , Reynolds, G , Hosseinbor, S (2015) Pilot RCT of Bidirectional Text Messaging for ART Adherence Among Nonurban Substance Users With HIV. *Health Psychology*, Volume: 34, 1305-1315. Published: DEC 2015. PMID: 26651472. PMCID: PMC4681310
206. Roller, DG , Capaldo, B, Bekiranov, S, Mackey, AJ, **Conaway, MR** , Petricoin, EF , Gioeli, D and Weber, MJ (2016) Combinatorial drug screening and molecular profiling reveal diverse mechanisms of

intrinsic and adaptive resistance to BRAF inhibition in V600E BRAF mutant melanomas. *Oncotarget*. 7 , Issue: 3 pp. 2734-2753 . Published: JAN 19 2016. PMID: 26673621. PMCID: PMC4823068

207. Iasonos, A., Wages, N. , **Conaway, M.** , Cheung, K., Yuan, Y., and O'Quigley, J. (2016) Dimension of model parameter space and operating characteristics in adaptive dose-finding studies. *Statistics in Medicine* 2016 Sep 20;35(21):3760-75. PMID: 27090197. PMCID: PMC4965325
208. deFonseka AM, Tuskey A, **Conaway MR**, Behm BW (2015) Antitumor Necrosis Factor- α Therapy is Associated With Reduced Risk of Thromboembolic Events in Hospitalized Patients With Inflammatory Bowel Disease. *Journal of Clinical Gastroenterology*. Volume: 50 Issue: 7 Pages: 578-583 Published: AUG 2016 PMID: 26368297.
209. Burns, T., Sadjadi, R., Utsugisawa, K., Gwathmey, K., Joshi, A. , Jones S., Bril V., Barnett C., Guptill, J., Sanders D., Hobson-Webb, L., Juel, V., Massey, J., Gable, K., Silvestri, N., Wolfe, G., Cutter, G., Nagane, Y., Murai, H., Masuda, M., Farrugia, M., Carmichael C., Birnbaum S., Hogrel J-Y., Nafissi, S., Fatehi, F., Ou, C., Liu, W., and **Conaway, M.** (2016) An international clinimetric evaluation of the MG-QOL15, resulting in slight revision and subsequent validation of the MG-QOL15. *Muscle and Nerve*. 2016 Dec;54(6):1015-1022. PMID: 27220659
210. Gilbert, R.T., Farish, N., Bergland, E. , **Conaway, M.** , Hance, J., Ketcham, S. , Letzkus, L., Manz, M. , Podgorski, K. , Quatrara, B., Ryman, R. and Spry, A. (2016) The Use of Short-Term Acupressure to Prevent Long-Term PONV: Was This a Case of Too Little, Too Late?, *Journal of Perianesthesia Nursing*, doi={10.1016/j.jopan.2015.08.014}. PMID: 28938980
211. Brashers V, Erickson J, Blackhall L, Owen J, Thomas S. and **Conaway M.** (2016): Measuring the impact of clinically relevant interprofessional education on undergraduate medical and nursing student competencies: A longitudinal mixed methods approach, *Journal of Interprofessional Care* 2016 Jul;30(4):448-57. PMID: 27269441
212. Quatrara B, Turner M, Pitts N, Parks C, Murphy F, and **Conaway M.** (2016) What is the Likelihood of Blood Return Using Aspiration Technique with Intramuscular Vaccine Administration? *Annals of Nursing and Practice* 3(5): 1058.
213. Horton, B. , Wages, N and **Conaway, M.** (2017) Performance of toxicity probability interval based designs in contrast to the continual reassessment method. *Statistics in Medicine*, 2017 Jan 30;36(2):291-300 PMID: 27435150. PMCID: PMC5267938
214. Hoyt WJ, Dean PN, Schneider DS, **Conaway MR**, Kramer CM, Battle RW (2017) Coronary Artery Evaluation by Screening Echocardiogram in Intercollegiate Athletes. *Med Sci Sports Exerc*. 2017 May;49(5):863-869. PMID: 27926615
215. **Conaway, M.** and Wages, N. (2017). Designs for phase I trials in ordered groups. *Statistics in Medicine*. Jan 30;36(2):254-265. PMID: 27624880. PMCID: PMC5140690
216. Ballow, M., **Conaway, M.**, Sriaroon, P., Rachid, R., Seeborg, F., Duff, C., Bonilla, F., Younger, E., Shapiro, R., and Burns, T. (2017) Construction and Validation of a Novel Disease-Specific Quality of Life Instrument for Patients with Primary Antibody Deficiency Disease (PADQOL -16) . *Journal of Allergy and Clinical Immunology*. June 2017; Volume 139, Issue 6, Pages 2007–2010. PMID: 28065678

217. Harer, M.W., Pope, C.F., **Conaway, M.R.**, Charlton, J.R. (2017) Follow-up of Acute kidney injury in Neonates during Childhood Years (FANCY): a prospective cohort study. *Pediatric Nephrology*. Volume: 32 Issue: 6 Pages: 1067-1076 Published: Jun 2017. PMID: 28255805
218. Farmer, L., Winfield, C, Quatrara, B, Letzkus, L., Schenck,P., Finneran, P., Pollak, D., McCaskill, C., Nealy, R., and **Conaway, M.** (2017) Does Site Matter? Comparing Accuracy and Patient Comfort of Blood Glucose Samples Taken From the Finger and Palm of the Perioperative Patient. *Journal of PeriAnesthesia Nursing*. 32(6):573-577. PMID: 29157763
219. **Conaway M.** (2017) A design for phase I trials in completely or partially ordered groups. *Statistics in Medicine*. 2017. Volume 36, Issue 15, pp 2323-2332 PMID: 28384843. PMCID: PMC5571448
220. Lee L, **Conaway M**, Spaeder MC, Grossman LB, Incidence of colonization of central venous catheter and arterial catheter tips in a paediatric intensive care unit, *Journal of Hospital Infection*. (2017), Vol. 96, Issue 3. pp 229-231. PMID: 28502481
221. **Conaway, M.** (2017) Isotonic Designs for Phase I Trials in Partially Ordered Groups. *Clinical Trials*. Vol 14. 5: 491-498. PMID: 28776422. PMCID: PMC5951616
222. Wages, A., Portell, C., Williams, M., **Conaway, M** and Petroni, G. (2017) Implementation of a model-based design in a phase 1b study of combined targeted agents. *Clinical Cancer Research*. DOI: 10.1158/1078-0432.CCR-17-1069. PMID: 28733439. PMCID: PMC5712236
223. Gilbert,RT, Farish, N, Bergland, E., **Conaway, M.** , Hance, J., Ketcham, S., Letzkus, L., Manz, M., Podgorski, K. , Quatrara, B. (2017) The Use of Short-Term Acupressure to Prevent Long-Term PONV: Was This a Case of Too Little, Too Late? *Journal of Perianesthesia Nursing*. Vol 32. 5:445-452. PMID: 28938980
224. Cross K., Gurka K., Saliba S., **Conaway M.**, and Hertel , J. (2017) Comparison of Thigh Muscle Strain Occurrence and Injury Patterns between Male and Female High School Soccer-Athletes. *Journal of Sport Rehabilitation* Volume: 27 Issue: 5 Pages: 451-459 Published: SEP 2018 PMID: 28952868.
225. Scharf R., Rogawski, E., Murray-Kolb, L., Maphula, A., Svensen, E., Tofail, F., Rasheed, M., Abreu, C., Vasquez, A., Shrestha, R., Pendergast, L., Mduma, E., Koshy, B., **Conaway, M.**, Platts-Mills, J., Guerrant, R., and DeBoer, M. (2018) Early childhood growth and cognitive outcomes: Findings from the MAL-ED study. *Maternal and Child Nutrition*. 2018; Volume: 14 Issue: 3 Article Number: e12584 Published: JUL 2018 PMID: 29392824.
226. Letzkus, L., Addison, N., Turner, L., **Conaway, M.** and Quatrara, B. (2018) Paroxysmal Sympathetic Hyperactivity and Environmental Factors: A Pilot Study. *The Journal of Neuroscience Nursing : Journal of the American Association of Neuroscience Nurses* Apr 2018, 50(2):88-92. PMID: 29521731
227. Letzkus, L, Keim-Malpass J, Anderson J, **Conaway M**, Patrick P, and Kennedy C (2018) A retrospective analysis of paroxysmal sympathetic hyperactivity following severe pediatric brain injury, *Journal of Pediatric Rehabilitation Medicine*, Volume: 11, Issue: 3, Pages: 153-160

228. Gwathmey K, Sadjadi R, Horton W, **Conaway M**, Barnett-Tapia C, Bril V, Russell J, Shaibani A, Mauermann M, Hehir M, Kolb N, Guptill J, Hobson-Webb L, Gable K, Raja S, Silvestri N, Wolfe G, Smith G, Malik R, Traub R, Joshi A, Elliott M, Jones S and Burns T. (2018) "Validation of a simple disease-specific, quality-of-life measure for diabetic polyneuropathy: CAPPRI. *Neurology* Volume: 90 Issue: 23 Pages: E2034-E2041 Published: JUN 5 2018. PMID: 29728528
229. Llewellyn RA, Gutknecht MF, Thomas KS, **Conaway MR**, Bouton AH (2018) Focal adhesion kinase (FAK) deficiency in mononuclear phagocytes alters murine breast tumor progress. *Am J Cancer Res*. 2018 Apr 1;8(4):675-687. eCollection 2018. PMID:29736312. PMCID: PMC5934557
230. Dillingham R, Ingersoll K, Flickinger T, Waldman A, Grabowski M, Laurence C, Wispelwey E, Reynolds G, **Conaway M**, and Cohn W (2018) Positive Links: A Mobile Health Intervention for Retention in HIV Care and Clinical Outcomes with 12 Months Follow-up. *AIDS Patient Care and STDs* Volume: 32 Issue: 6 Pages: 241-250 Published: JUN 2018. PMID: 29851504. PMCID: PMC5982157
231. Flickinger T, Dillingham R, Ingersoll K, DeBolt C, Xie A, Kosmacki A, Waldman A, Grabowski M, Reynolds G, **Conaway M**, and Cohn W. (2018) Addressing stigma through a virtual community for People Living with HIV: a mixed methods study of the PositiveLinks mobile health intervention. *AIDS and Behavior*. PMID: 29882048
232. Wood-Heickman L, Davallow Ghajar L, **Conaway M** and Rogol A (2018). Evaluation of hypothalamic-pituitary-adrenal axis suppression following cutaneous use of topical corticosteroids in children: A meta-analysis) *Hormone Research in Paediatrics*. 2018;89:389–396 PMID: 29898449
233. Waterhouse G, Vergales J, **Conaway M**, and Lee L (2018) Predictive Factors for Central Line Associated Bloodstream Infections in Pediatric Cardiac Surgery Patients with Chylothorax. *Pediatric Critical Care Medicine*. Volume: 19 Issue: 9 Pages: 810-815 Published: SEP 2018
234. Wages N and **Conaway M**. (2018) Revisiting isotonic phase I design in the era of model-assisted dose-finding. *Clinical Trials*. Volume: 15 Issue: 5 Pages: 524-529 PMID:30101616. PMCID: PMC6133737
235. Ballengee CR, Davalian F, **Conaway M**, Sauer CG, and Kaufman DA Erythromycin and Reflux Events in Premature Neonates: A Randomized Clinical Trial (2018, online ahead of print). *Journal of Pediatric Gastroenterology and Nutrition* [06 Jul 2018]. DOI: 10.1097/MPG.0000000000002086
236. Kellams A, Gurka K, Hornsby P, Drake E, and **Conaway M**. (2018) A Randomized Trial of Prenatal Video Education to Improve Breastfeeding Among Low-Income Women. *Breastfeeding Medicine*. Online:23 Oct 2018<https://doi.org/10.1089/bfm.2018.0115>. PMID: 30351169
237. Olson K, Kulling- Larkin P, Signorelli R, .Hamele C, Olson T, **Conaway M**, Feith D and Loughran T. (2018) Vitamin D pathway activation selectively deactivates signal transducer and activator of transcription (STAT) proteins and inflammatory cytokine production in natural killer leukemic large granular lymphocytes. *Cytokine* Volume: 111 Pages: 551-562 PMID: 30455079. PMCID:PMC6289695.
238. **Conaway M**. and Petroni G. (2019) The impact of early phase trial design in the drug development process. *Clinical Cancer Research*. 2019 Jan 15;25(2):819-827. PMID: 30327310 PMCID: PMC5712236.

239. Hormaza V, **Conaway M**, Schneider D and Vergales J (2019) The effect of right ventricular function on survival and morbidity following stage 2 palliation: An analysis of the single ventricle reconstruction trial public data set. *Congenital Heart Disease*, Volume14, Issue2. March/April 2019, Pages 274-279
240. Cox DJ, Fang K, McCall AL, **Conaway MR**, Banton TA, Moncrief MA, Diamond AM, Taylor AG Behavioral Strategies to Lower Postprandial Glucose in Those with Type 2 Diabetes May Also Lower Risk of Coronary Heart Disease. (2019) *Diabetes Therapy* Volume: 10 Issue: 1 Pages: 277-281. PMID: 30565055
241. Ramey S, DeLuca S, Stevenson R, Case-Smith J, Darragh A, and **Conaway M**. Children with Hemiparesis Arm and Movement Project (CHAMP): protocol for a multisite comparative efficacy trial of paediatric constraint-induced movement therapy (CIMT) testing effects of dosage and type of constraint for children with hemiparetic cerebral palsy (2019). *BMJ Open*. Vol 9, Issue 1. 2019. <http://dx.doi.org/10.1136/bmjopen-2018-023285>. PMID: 30782701; PMCID: PMC6340418.
242. Davallow Ghajar L, Wood Heickman L, **Conaway M** and Rogol A (2019) Low Risk of Adrenal Insufficiency After Use of Low- to Moderate-Potency Topical Corticosteroids for Children With Atopic Dermatitis. *Clinical Pediatrics*. Volume: 58 Issue: 4 Pages: 406-412.
243. Horton BJ, Wages, NA and **Conaway, MR** (2019) Shift models for dose-finding in partially ordered groups. *Clinical Trials*, Volume: 16, Issue: 1, Pages: 32-40. Online ahead of print DOI: 10.1177/1740774518801599. PMID: 30309262 PMCID: PMC6684162
244. Tan S-F, Dunton W, Liu X, Fox T, Morad S, Desai D, Doi K, **Conaway M**, Amin S, Claxton D, Wang H-G, Kester M, Cabot M, Feith D and Loughran T.(2019) Acid ceramidase promotes drug resistance in acute myeloid leukemia through NF-kB-dependent P-glycoprotein upregulation. *Journal of Lipid Research*. 2019 Jun;60(6):1078-1086. PMID: 30962310
245. Horton BJ, O'Quigley J and **Conaway M** (2019) Consequences of performing parallel dose finding trials in heterogeneous groups of patients. *JNCI Cancer Spectrum*. 2019 Jun;3(2). Epub 2019 May 7. <https://doi.org/10.1093/jncics/pkz013>. PMID: 31206097. PMCID: PMC6555302
246. Ta H, Whitworth H, Yin Y, **Conaway M**, Frierson H, Campbell M, Raj G and Gioeli D. (2019) Discovery of a novel long noncoding RNA overlapping the LCK gene that regulates prostate cancer cell growth. *Molecular Cancer* 2019 18:113. <https://doi.org/10.1186/s12943-019-1039-6>. Published: 28 June 2019 PMID: 31253147. PMCID: PMC6598369
247. Horton W, Law S, Darji M, **Conaway M**, Kubiak N, Kirby J and Thigpen SC (2019) Construction and preliminary evaluation of the inpatient glycemic control questionnaire (IGCQ): a survey tool assessing perceptions and knowledge of resident physicians. *BMC Medical Education* 2019 19:228. <https://doi.org/10.1186/s12909-019-1657-0>. Published: 24 June 2019. PMID: 31234836
248. Hornsby PP, Gurka KK, **Conaway MR**, Kellams AL (2019) Reasons for Early Cessation of Breastfeeding Among Women with Low Income. *Breastfeeding Medicine*. Jul/Aug 2019;14(6):375-381. doi: 10.1089/bfm.2018.0206. PMID: 30994371

249. Kim A, Witzenburg C, **Conaway M**, Vergales J, Holmes J, L'Ecuyer T, and Dean P. (2019) Trajectory of right ventricular indices is an early predictor of outcomes in hypoplastic left heart syndrome. *Congenital Heart Disease*. Volume: 14 Issue: 6 Pages: 1185-1192 Published: NOV 2019. PMID: 31393088
250. Brenton J, Woolbright E, Briscoe-Abath C, Qureshi A, **Conaway M** and Goldman M (2019) Body mass index trajectories in pediatric multiple sclerosis. *Developmental Medicine and Child Neurology*. 61, Issue: 11. 1289-1308. Nov 2019. PMID: 30950520
251. Horton W, Law S, Darji M, **Conaway M**, Akbashev M, Kubiak N, Kirby J and Thigpen SC (2019) A Multicenter Study Evaluating Perceptions And Knowledge Of Inpatient Glycemic Control Among Resident Physicians: Analyzing Themes To Inform And Improve Care. *Endocrine Practice*. Endocrine Practice: December 2019, Vol. 25, No. 12, pp. 1295-1303. <https://doi.org/10.4158/EP-2019-0299> . PMID: 31412227
252. Wages NA, Iasonos A, O'Quigley J and **Conaway MR** (2020) Coherence principles in interval-based dose finding *Pharmaceutical Statistics*. Volume19, Issue2, March/April 2020. Pages 137-144. DOI: 10.1002/pst.1974. PMID: 31692233 PMCID: PMC7065921.
253. Harer MW, McAdams RM, **Conaway M**, Vergales BD, Hyatt DM, Charlton JR (2020) Delayed Umbilical Cord Clamping is Not Associated with Acute Kidney Injury in Very Low Birth Weight Neonates. *American Journal of Perinatology*. Am J Perinatol 2020; 37(02): 210-215. PMID: 31606889
254. Steck S, Miller-Davis E, **Conaway M**, Quatrara B, and Letzkus L (2020) Picking up the pace: Decreasing platelet administration safely and effectively. *Journal of Pediatric Nursing*, Volume 52, May–June 2020, Pages 1-4. <https://doi.org/10.1016/j.pedn.2020.01.014> . PMID: 32014806
255. Heymann P, Platts-Mills T, Woodfolk J, Borish L , Murphy D, Carper H, **Conaway M**, Steinke J, Muehling L, Teague G, .Kennedy J, Irani A-M, McGraw M , Early S, Wheatley L, Adams A, and Turner R (2020) Understanding the Asthmatic Response to an Experimental Rhinovirus Infection: Exploring the Effects of Blocking IgE. *Journal of Allergy and Clinical Immunology*. 2020 Sep;146(3):545-554. PMID: 32018030 PMCID: PMC7733370 (available on 2021-09-01) DOI: 10.1016/j.jaci.2020.01.035.
256. Lau C, Beller J, Boys A, Zhao Y, Phillips J, Cosner M, **Conaway M**, Petroni G, Charles E, Mehaffey H, Mannem H, Kron I, Krupnick A, and Linden J (2020) First In Human Lung Transplantation: Adenosine A2a Receptor Agonist (Regadenoson). *The Journal of Heart and Lung Transplantation*. Online ahead of print. PMID: 32503727. <https://doi.org/10.1016/j.healun.2020.02.003>.
257. Curley J, **Conaway M**, Chnn Z, Duska L, Stoler, M and Mills, A (2020) Looking past PD-L1: expression of immune checkpoint TIM-3 and its ligand galectin-9 in cervical and vulvar squamous neoplasia. *Mod Pathol*. 2020 Jun;33(6):1182-1192.doi: 10.1038/s41379-019-0433-3. Epub 2020 Mar 6.). <https://doi.org/10.1038/s41379-019-0433-3>. PMID: 32139873
258. Odackal, N.J., **Conaway, M.**, Cha, J. *et al.* Prenatal consults with illustrated literature (PnCIL): a RCT studying visual aids during prenatal consults. *J Perinatol* (2020). <https://doi.org/10.1038/s41372-020-0709-y>. PMID: 32514007

259. Kaufman D, Berenz A, Itell H, **Conaway M**, Blackman A, Nataro J and Permar S (2020) Dose Escalation Study of Bovine Lactoferrin in Preterm Infants: Getting the Dose Right. *Biochemistry and Cell Biology*, <https://doi.org/10.1139/bcb-2020-0217>. PMID: 32846100
260. Cox D, Banton T, Moncrief M, **Conaway M**, Diamond A, and McCall A (2020) Minimizing Glucose Excursions (GEM) with Continuous Glucose Monitoring in Type 2 Diabetes: A Randomized Clinical Trial. *Journal of the Endocrine Society*, bvaa118, <https://doi.org/10.1210/jendso/bvaa118>. Featured article. PMID: PMC7566397
261. Cox D, Banton,T, Moncrief M, **Conaway M**, Diamond A, Holmes V, Green Pastors J, Wolf A,Fang K, and McCall A. (2020) Glycemic excursion minimization in the management of type 2 diabetes: a novel intervention tested in a randomized clinical trial- December 2020, BMJ Open Diabetes Research and Care2020;8:e001795. doi:10.1136/bmjdr-2020-001795. PMID: PMC7745682
262. Charlton J, Xu Y, Wu T, deRonde K, Hughes L, Dutta S, Oxley G, Cwiek A, Cathro H, Charlton N, **Conaway M**, Baldelomar E, Parvin N and Bennett K. (2021) Magnetic resonance imaging accurately tracks kidney pathology and heterogeneity in the transition from acute kidney injury to chronic kidney disease. *Kidney International*, Vol 99, Issue 1: 173-185. <https://doi.org/10.1016/j.kint.2020.08.021> PMID: 32916180
263. Wages NA, Reed D, Keng M, **Conaway M** and Petroni G. (2021) Adapting isotonic dose-finding to a dynamic set of drug combinations with application to a phase I leukemia trial. *Clinical Trials*. Online ahead of print. <https://doi.org/10.1177/1740774520983484> PMID: 33426919
264. Melssen M, Lindsay R, Stasiak K, Rodriguez A, Briegel A, Cyranowski S, Rutkowski M, **Conaway M**, Melief C, van der Burg S, Eyo U, Slingluff C and Engelhard V. (2021) Differential expression of CD49a and CD49b determines localization and function of tumor-infiltrating CD8+ T cells. [epub ahead of print]. *Cancer Immunol Res*, DOI: 10.1158/2326-6066.CIR-20-0427. PMID: 33619119
265. Takle M, **Conaway M**, and Burnsed J (2021) Electroencephalogram Background Predicts Time to Full Oral Feedings in Hypoxic-Ischemic Encephalopathy, *American Journal of Perinatology*. 2021 Mar 3. doi: 10.1055/s-0041-1725161. Online ahead of print. PMID: 33657637
266. Jones BA., **Conaway M.**, Spaeder M, and Dean P. (2021) Hospital Survival After Surgical Repair of Truncus Arteriosus with Interrupted Aortic Arch: Results from a Multi-institutional Database. *Pediatric Cardiology*. March 2021. <https://doi.org/10.1007/s00246-021-02582-5>. PMID: 33786651
267. Hornsby P, **Conaway M**, Medico T, Gurka K, and Kellams A. (2021) Timing of Introduction of Complementary Foods and Beverages to Infants of Low-Income Women. *Breastfeeding Medicine*. Published Online:30 Mar 2021. <https://doi.org/10.1089/bfm.2020.0352>. PMID: 33781096
268. Rodriguez A, Peske D, Woods A, Leick K, MauldinI, Meneveau M, Young S, Lindsay R, Melssen M, Cyranowski S, Parriott G, **Conaway M**, Fu Y-X, Slingluff C and Engelhard V. (2021) Immune mechanisms orchestrate tertiary lymphoid structures in tumors via cancer-associated fibroblasts. *Cell Reports*. Volume 36, Issue 3, 20 July 2021. PMID: 34289373

269. Wages NA, Horton BJ, **Conaway MR**, Petroni GR. Operating characteristics are needed to properly evaluate the scientific validity of phase I protocols. *Contemporary Clinical Trials* 2021; [Epub ahead of print] Jul 25. PMID: 34320376
270. de Havenon A, Muddasani D, Castillo M, Sheth K, Delic A, Herman A, **Conaway M**, Johnston K, for the SHINE Trial Investigators. Black Patients with Ischemic Stroke and Hyperglycemia have Worse outcome than Whites if given Intensive Glucose Control. *Journal of Stroke and Cerebrovascular Diseases*, Volume 30, Issue 11, November 2021, 106065
271. Yu H, Khokhlatchev A, Chew C, Illendula A, **Conaway M**, Dryden K, Maeda D, Rajasekaran V, Kester M and Zeichner S. Minicells from Highly Genome Reduced Escherichia coli: Cytoplasmic and Surface Expression of Recombinant Proteins and Incorporation in the Minicells, *ACS Synthetic Biology*, Epub ahead of print, <https://doi.org/10.1021/acssynbio.1c00375>, doi = 10.1021/acssynbio.1c00375, PMID 34516078.
272. Arras J, Thomas K, Myers P, Cross A, Osei A, Vazquez G, Atkins K, **Conaway M**, Jones M, Lazzara M and Bouton A. Breast Cancer Antiestrogen Resistance 3 (BCAR3) promotes tumor growth and progression in triple-negative breast cancer Am J Cancer Res. 2021; 11(10): 4768–4787. Published online 2021 Oct 15. PMCID: PMC8569345 PMID: 34765292
273. Ramey S, DeLuca S, Stevenson R, **Conaway M**, Darragh A and Lo W for the CHAMP investigators. Constraint-Induced Movement Therapy for Cerebral Palsy: A Randomized Trial. *Pediatrics* October 2021, [epub ahead of print] e2020033878; DOI: <https://doi.org/10.1542/peds.2020-033878>. PMID: 34649982
274. Cwiek A, Suzuki M, deRonde K, **Conaway M**, Bennett K, El Dahr S, Reidy K and Charlton J. Premature differentiation of nephron progenitor cell and dysregulation of gene pathways critical to kidney development in a model of preterm birth. *Scientific Reports* volume 11, Article number: 21667 (2021). <https://doi.org/10.1038/s41598-021-00489-y>
275. Morozov D, Parvin N, **Conaway M**, Oxley G, Baldelomar E, Cwiek A, deRonde K, Beeman S, Charlton J and Bennett K. Estimating Nephron Number from Biopsies: Impact on Clinical Studies. *JASN* November 2021, ASN.2021070998; DOI: <https://doi.org/10.1681/ASN.2021070998>
276. Cox DJ, Oser T, Moncrief M, **Conaway M** and McCall A. Long-term follow-up of a randomized clinical trial comparing glycemic excursion minimization (GEM) to weight loss (WL) in the management of type 2 diabetes *BMJ Open Diabetes Research and Care* 2021;9:e002403. doi: 10.1136/bmjdr-2021-002403

Selected abstracts (nominated or winners of awards for best paper)

1. G Worley, M Hermann-Giddens, CM Houlihan, L Samson-Fang, E Fung, VA Stallings, **M Conaway**, P Rosenbaum, R Calvert, M O'Donnell, RC Henderson, WC Chumlea, GS Liptak, RD Stevenson, "Sexual Maturation in Children with Cerebral Palsy," *Developmental Medicine and Child Neurology*, 41 (supplement No.80): 10, 1999. *Nominated for Richmond Award for best paper presented at 1999 Scientific Meeting of American Academy for Cerebral Palsy and Developmental Medicine*
2. GS Liptak, M O'Donnell, RD Stevenson, **M Conaway**, WC Chumlea, G Worley, RC Henderson, E Fung, VA Stallings, L Samson-Fang, R Calvert, and P Rosenbaum, "The Health Status of Children Who Have

Moderate/Severe Cerebral Palsy Enrolled in a Collaborative, Multi-centered, Population-based Study, ” *Developmental Medicine and Child Neurology*, 41 (supplement No.80): 8, 1999. *Nominated for Richmond Award for best paper presented at 1999 Scientific Meeting of American Academy for Cerebral Palsy and Developmental Medicine*

3. CM Houlihan, **M Conaway**, VA Stallings, WC Chumlea, G Worley, RC Henderson, E Fung, P Rosenbaum, L Samson-Fang, GS Liptak, M O'Donnell, R Calvert, and RD Stevenson, “Pain in Children with Cerebral Palsy,” *Developmental Medicine and Child Neurology*, 42 (supplement): 2000. Won Richmond Cerebral Palsy Award for best paper presented at 2000 Meeting of American Academy for Cerebral Palsy and Developmental Medicine, Dr. Houlihan also awarded Most Promising Career Award for presentation
4. D Oeffinger, **M Conaway**, R Stevenson (2009) “Tibial growth curves for ambulatory children with cerebral palsy.” *Nominated for 2010 Gayle G. Arnold Award for Excellence for a paper presented at the 2009 Scientific Meeting of American Academy for Cerebral Palsy and Developmental Medicine.*

Editorials /Commentary/Letters

1. Hawkins, D., **Conaway,M.**, Hackl,P., Kovacevic,M., Sedransk,J., Woodworth,G., Bosch,R., Breen,C. (1989) ``Editorial: Report on the Statistical Quality of Endocrine Society Journals", *Endocrinology*, **125**,1749 - 1753. PMID: 2791962
2. Stevenson, R and **Conaway, M.** (2007) “Growth assessment of children with cerebral palsy: the clinician's conundrum.” *Developmental Medicine and Child Neurology*, 49 (3) 164. PMID: 17355468
3. **Conaway M.** (2009) Reference data and quantile regression. *Muscle and Nerve*, 40(5) 751-752. PMID: 19827090
4. Stevenson, R and **Conaway, M.** (2011) “Weight and mortality rates: ‘Gomez classification’ for children with cerebral palsy?” *Pediatrics*.
5. Wages NA, **Conaway MR**, O'Quigley J (2014) Comments on 'A dose-finding approach based on shrunken predictive probability for combinations of two agents in phase I trials' by Akihiro Hirakawa, Chikuma Hamada, and Shigeyuki Matsui. *Stat Med*. 2014 May 30;33(12):2156-8. PMID: 24797319
6. Wages NA, **Conaway MR**, Slingluff CL Jr, Williams ME, Portell CA, Hwu P, Petroni GR (2015) Recent developments in the implementation of novel designs for early-phase combination studies. *Ann Oncol*. 2015 Feb 19. PMID: 25697216
7. **Conaway MR** and Petroni GR (2019) The Role of Early-Phase Design-Response. *Clinical Cancer Research*. 2019 May 15;25(10):3191. doi: 10.1158/1078-0432.CCR-19-0618.

Book Chapters

1. Bast, R., Xu, F-J. Woolas,R. Yu,Y-H, **Conaway, M.** , O'Briant, K., Daly,L., Oram, D., Berchuck, A., Clarke-Pearson, D., Soper, J. Rodriguez,G. and Jacobs, I. (1993)``Complementary and Coordinate Markers for Detection of Epithelial Ovarian Cancers" in *Ovarian Cancer 3*. Eds. F. Sharp, P. Mason and J. Berek. London: Chapman and Hall.

2. **Conaway, M.** (1997) "Latent class analysis", in *The Encyclopedia of Biostatistical Sciences*, eds. Armitage, P. and Colton, T. New York: John Wiley and Sons.
3. Petroni, G. and **Conaway, M.** (2001) "Phase II trials with combined response and toxicity endpoints", in *Handbook of Statistics in Clinical Oncology*, ed. Crowley, J. Marcel Dekker.
4. Petroni, G. and **Conaway, M.** (2004) "Phase II trials with combined response and toxicity endpoints", in *Handbook of Statistics in Clinical Oncology*, 2nd edition, ed. Crowley, J. Marcel Dekker.
5. **Conaway, M.**, Rejeski, W.J., and Miller, M. (2009) Statistical Issues In Measuring Adherence: Methods For Incomplete Longitudinal Data. in *Handbook of Health Behavior Change*, 3rd Edition. ed. Shumaker, S. New York: Springer Publishing Company, LLC
6. Wang, H., **Conaway M.** and Petroni, G. (2010) Phase II Trial Design, in *Fundamentals of Clinical Oncology*, eds. Halabi, S. and Kelly, W.
7. Petroni, G. and **Conaway, M.** (2011) "Phase II trials with combined response and toxicity endpoints", in *Handbook of Statistics in Clinical Oncology*, 3rd edition, ed. Crowley, J. Marcel Dekker.
8. **Conaway, M.** and Wages, N. (2016). "Phase I Trials and Dose Finding" in *Cancer Clinical Trials: Current and Controversial Issues in Design and Analysis*. Eds. Stephen L. George, Xiaofei Wang, Herbert Pang. CRC Press, Aug 19, 2016
9. **Conaway, M.** (2017). "Patient Heterogeneity in Dose-Finding Trials", in *Handbook of Methods for Designing, Monitoring, and Analyzing Dose-Finding Trials*. Eds. John O'Quigley, Alexia Iasonos, Björn Bornkamp. CRC Press, Apr , 2017
10. **Conaway M** (2018) "Dose-Finding Using the Continual Reassessment Method" in *Oncology Clinical Trials: Successful Design, Conduct, and Analysis*, eds. WK Kelly, DO, S Halabi, PhD, Springer Publishing Company
11. **Conaway M** and Petroni G (2021) "Dose-Finding and Dose-ranging Studies" in *Principles and Practice of Clinical Trials*, eds. Steven Piantadosi and Curtis L. Meinert (Eds). Springer Nature.

Student Advising

A. Doctoral Student Advising

Doctoral Students	Date	Thesis topic
Prescott, Katherine ¹	May, 2000	Order Restricted Inference in Generalized Linear Models PhD, Department of Statistics, University of Virginia
Dunbar, Stephanie ¹	May, 2000	Order Restricted Inference with Applications to Phase I Clinical Trials in Oncology PhD, Department of Statistics, University of Virginia
Chan, Kuo-Chen ²	May, 2005	Statistical Inference in Models for Reference Centiles. PhD, Department of Statistics, University of Virginia

Yuan Xue ³	May, 2014	Biomarkers in Phase I Clinical Trials, PhD, Department of Statistics, University of Virginia
Jesse Helman ⁴	Current	Dose Modifications in Phase I trials PhD, Department of Statistics, University of Virginia
1. co-advisor, Professor Shyamal Peddada, Department of Statistics 2. co-advisor, Professor Theodore Chang, Department of Statistics 3. co-advisor, Professor Feifang Hu, Department of Statistics 4. co-advisor, Professor Karan Kafadar, Department of Statistics		

B. M.S. Student Advising

Student	Date	Thesis topic
Cross, K.	May 2009	Hamstring Injuries in NCAA Soccer
Kalantarina, K.	July 2008	Albuminuria, Endothelial Dysfunction and Low-Grade Inflammation in Adult Type 2 Diabetic Individuals
Keeley, E.	July 2008	Chemokines and Neovascularization in Coronary Artery Disease
McCulloch, M.	May 2007	Retrospective Evaluation of Post-Operative Chylothorax Development in Pediatric Patients Undergoing Surgery for Congenital Heart Disease
Ferguson, J.	May 2007	Out-of Hospital Advanced Life Support Care in Medically Underserved Areas in Virginia
Shimkus, J.	July 2006	Pregnancy (Planned or Unplanned) in the US Navy: Is there an effect on unit readiness in the operational setting?
Salerno, R.	May 2004	Prediction of Outcome in Pediatric Traumatic Brain Injury
Yu, Hong	May, 2003	Evaluating Healthcare Cost of Obese Patients with Type 2 Diabetes Mellitus
Larew, Katherine	May, 1999	Enteropathogenic <i>E. Coli</i> in Northeastern Brazil: Association with Increased Morbidity
Moore, Sean	May, 1998	Secular trends in epidemiology in diarrhea and malnutrition among children in an urban Brazilian slum, 1989 to 1996

C. Ph.D. Thesis Committees

Doctoral Students	Degree Date	Department
Lisa Letzkus	2015	School of Nursing, UVA
Suzanne DeLong	2012	Systems Engineering, UVA
Yanqing Hu	2011	Statistics, College of Arts and Sciences, UVA
Kevin Cross	2011	Kinesiology, Curry School of Education
Gretchen Falk	2011	Statistics, College of Arts and Sciences, UVA
Hongjian Zhu	2010	Statistics, College of Arts and Sciences, UVA
Damon Swift	2010	Exercise Physiology, Curry School of Education, UVA
Nolan Wages	2010	Statistics, College of Arts and Sciences, UVA
Yan Liu	2010	Statistics, College of Arts and Sciences, UVA
Liang Liang Duan	2010	Statistics, College of Arts and Sciences, UVA
Youngsook Jean	2009	Statistics, College of Arts and Sciences, UVA

Xin Wang	2009	Statistics, College of Arts and Sciences, UVA
Marisela Rodriquez	2008	Microbiology, School of Medicine, UVA
Gwise, Thomas	2005	Statistics, College of Arts and Sciences, UVA
Soukup, Mat	2004	Statistics, College of Arts and Sciences, UVA
Buot, Max	2003	Statistics, College of Arts and Sciences, UVA
Boyden, Kathleen	2003	School of Nursing, UVA
Kavis, Aliye	2002	Statistics, College of Arts and Sciences, UVA
Tan, Xiaofang	1997	Statistics, College of Arts and Sciences, UVA
Carpenter, S.	1990	Chemistry, U. of Iowa
Hariharan, S.	1989	Marketing, U. of Iowa
Al-Bakri, A.	1989	Civil Engineering, U. of Iowa
Pillers, C.	1989	Statistics, U of Iowa
O’Gorman, T.	1988	Biostatistics, U. of Iowa
Bae, H.	1988	Education and Measurement, U. of Iowa

Teaching

1. Full semester Courses

A. University of Virginia

Semester	Course	Title
Spring 2018	PHS 7310	Clinical Trials Methodology,secondary instructor, co-taught with Dr. Gina Petroni, PhD.
Spring 2014	MICR 8380	Practical Uses of Biostatistics.
Spring 2013	MICR 8380	Practical Uses of Biostatistics. Co-taught with Dr Anjeanette Roberts, Dept of Microbiology, UVA.
Spring 2012	MICR 8380	Practical Uses of Biostatistics (2 sections). Co-taught with Dr Anjeanette Roberts, Dept of Microbiology, UVA and Dr. Kevin Lynch, Dept of Pharmacology, UVA.
Fall 2011	STAT 5310	Clinical Trial Methodology (joint with Professor Hu, Department of Statistics, UVA)
Spring 2011	MICR 8380	Practical Uses of Biostatistics (joint with Professor Roberts, Dept of Microbiology, UVA)
Fall, 2009	STAT 5310	Clinical Trial Methodology (joint with Professor Hu, Department of Statistics, UVA)
Fall, 2008	MICR 8380	Practical Uses of Biostatistics (joint with Professor Roberts, Dept of Microbiology, UVA)
Spring, 2008	MICR 8380	Practical Uses of Biostatistics (joint with Professor Roberts, Dept of Microbiology, UVA)
Fall, 2006	STAT 531	Clinical Trial Methodology
Fall, 2005	PHS 700	Introduction to Biostatistics
Fall, 2004	PHS 700	Introduction to Biostatistics
Spring 2004	STAT 531	Clinical Trial Methodology
Spring, 2002	STAT 531	Clinical Trial Methodology

Fall, 2000	STAT 512	Applied Linear Models
Spring, 2000	STAT 531	Clinical Trial Methodology
Fall, 1998	STAT 722	Advanced Mixed Models
Spring, 1997	STAT 832	Topics in Biostatistics

Independent Study at UVa:

Semester	Course	Title
Fall, 2015	STAT8995	Directed Reading (M. Salerno)
Fall, 2003	STAT 895	Directed Reading (T. Gwise)
Spring, 2001	STAT 895	Directed Reading (K. Chan)
Fall, 2000	STAT 895	Directed Reading (K. Chan)

Guest Lectures in other courses at UVa:

Semester	Course	Lectures/weeks	Time
Spring 2021	STAT4995	2 classes as consultant	3.0 class hours total
Fall 2020	STAT4995	2 classes as consultant	3.0 class hours total
Spring 2020	STAT4995	2 classes as consultant	3.0 class hours total
Fall 2018	STAT4995	1 class as consultant	1.5 class hours total
Spring 2018	STAT4995	1 classes as consultant	1.5 class hours total
Fall 2017	STAT4995	1 class as consultant	1.5 class hours total
Spring 2017	STAT4995	2 classes as consultant	3 class hours total
Spring 2010	PHS751	Lecture and paper Session: Week 1: Linear Regression Week 9: Missing Data	4 Classes total, 1.5 class hours each
Spring 2009	PHS 751	Lecture and paper Session: Week 1: Linear Regression Week 9: Missing Data	4 Classes total, 1.5 class hours each
Spring 2008	PHS 751	Lecture and paper Session: Week 1: Linear Regression	2 Classes total, 1.5 class hours each
Spring 2007	PHS 751	Lecture and paper Session: Week 1: Linear Regression Week 2: Prediction Week 3: ANOVA	6 Classes total, 1.5 class hours each
Spring 2006	PHS 751	Lecture and paper Session: Week 1: Linear Regression Week 2: Prediction Week 3: ANOVA	6 Classes total, 1.5 class hours each

Spring 2005	PHS 751	Lecture and paper Session: Week 1: Linear Regression Week 5: Logistic Regression and Survival Analysis	2 Classes total, 1.5 class hours each
-------------	---------	---	--

B. Duke University (full semester courses)

Semester	Course	Title
Spring, 1995	BTP 219	Categorical Data Analysis
Fall, 1995	BTP 226	Categorical Data Analysis

C. Harvard University (full semester)

Semester	Course	Title
Fall, 1989		Introduction to Biostatistics

D. University of Iowa (full semester)

Semester	Course	Title
Fall, 1990	S:002	Statistics and Society
Spring, 1990	S:002	Statistics and Society
	S:220	Categorical Data Analysis
Spring, 1988	S:120	Probability and Statistics
	S:152	Applied Linear Regression
Fall, 1987	S:101	Biostatistics
	S:152	Applied Linear Regression
Spring, 1987	S:220	Categorical Data Analysis
	S:101	Biostatistics
Fall, 1986	S:161	Applied Multivariate Analysis
	S:152	Applied Linear Regression
Spring, 1986	S:120	Probability and Statistics
	S:158	Experimental Design
Fall, 1985	S: 120	Probability and Statistics
	S:152	Applied Linear Regression

E. Lectures in resident training series, short courses in Biostatistics

Courses with asterisks are those for which I helped develop the curriculum, as well as delivering one of the lectures in the series.

Semester	Topic	Date	Series
Fall, 2011	Introduction to Biostatistics	October 4, 2011	PHS/Faculty Development Clinical Investigation Series
Fall, 2010	Basic Statistical Concepts	September 15, 2010	MTPCI Lecture Series
	Endpoints in Clinical Studies	December 12, 2010	MTPCI Lecture Series

Semester	Topic	Date	Series
Fall, 2009	Endpoints in Clinical Studies	December 8, 2009	MTPCI Lecture Series
Fall, 2008	Endpoints in Clinical Studies	December 5, 2008	MTPCI Lecture Series
Fall, 2007	Basic Statistical Concepts	July 20, 2007	PM&R Resident Lecture Series
	Endpoints in Clinical Studies	December 4, 2007	MTPCI Lecture Series
Fall, 2006	Experimental Design	September 26, 2006	MTPCI Lecture Series
	Endpoints in Clinical Studies	December 12, 2006	MTPCI Lecture Series
	Randomized Clinical Trials	October 1, 2006	Internal Medicine Resident Lecture Series*
Fall, 2005	Basic Statistical Concepts	August 30, 2005	PM&R Resident Lecture Series
	Randomized Clinical Trials	October 28, 2005	Internal Medicine Resident Lecture Series*
Spring, 2005	Randomized Clinical Trials	May 17, 2005	Radiation Oncology Resident Lecture Series*
Fall 2004	Basic Statistical Concepts	August 4, 2004	PM&R Resident Training Lecture Series
Fall, 2002	DOE/Repeated Measures	October 15, 2002	B&E Short course*
Spring, 2002	DOE/ Repeated Measures*	April 15, 2002	B&E Short course
Fall, 2001	DOE/ Repeated Measures*	October 1, 2001	B&E Short course
Spring, 2001	DOE/ Repeated Measures*	May 7, 2001	B&E Short course
Fall, 2000	DOE/ Repeated Measures*	October 2, 2000	B&E Short course

Semester	Topic	Date	Series
Spring 2000	Design of Experiments	March 27, 2000	B&E Short course
	Repeated Measures	April 3, 2000	
Fall, 1999	Design of Experiments	October 3, 1999	B&E Short course
	Repeated Measures	October 10, 1999	
Spring, 1999	Design of Experiments	March 22, 1999	B&E Short course
	Repeated Measures	April 5, 1999	
Fall, 1998	Design of Experiments	October 5, 1998	B&E Short course
	Repeated Measures	October 12, 1998	
Spring, 1998	Design of Experiments	March 23, 1998	B&E Short course
	Repeated Measures	March 30, 1998	
Fall, 1997	Statistical Inference I	November 11, 1997	B&E Short course
	Repeated Measures	December 8, 1997	
Summer, 1997	Statistical Inference I	August 11, 1997	B&E Short course
	Statistical Inference II	August 18, 1997	
	Design of Experiments	September 8, 1997	
	Repeated Measures	September 15, 1997	
Spring, 1997	Design of Experiments	June 9, 1997	B&E Short course
	Repeated Measures	June 16, 1997	
Winter, 1997	Design of Experiments	March 3, 1997	B&E Short course

3. Other Teaching Activities

A. Introduction to Clinical Investigation Training Course (GCRC)

“Designing Experiments”

- October, 2000
- October, 2001
- October, 2002
- September, 2010

Choosing Endpoints in Clinical Studies

- December, 2006
- December, 2007
- December, 2008
- December 2009

B. DHES Masters’ Program “Review of Quantitative Methods”

- Algebra Module, August, 2000

C. DHES Fellows' Course: Comprehensive Introduction to Clinical Investigation

- Experimental Design and Analysis. July, 2001

D. Faculty, ERRIS Intensive Grant Writing Workshop, annual 2001-2010

F. American Academy of Cerebral Palsy and Developmental Medicine (AAPDM)

- Instructional Course. Guide to Common Statistical Analyses in Clinical Research (with Dr. P. Rosenbaum). September, 2002, New Orleans, LA
- Pre-Conference Workshop. Methods for Comparative Effectiveness Studies (with S Ramey, S DeLuca and A Darragh), 2018, Cincinnati, OH

G. Podcasts for the journal *Neurology*

- October 6, 2009. Nonparametric tests
- November 3, 2009. Sensitivity and Specificity
- March 11, 2010. Risk and rates
- March 11, 2010. Relative risk, relative risk reduction and absolute risk reduction
- March 11, 2010. Probability, Odds and Odds Ratio

H. Workshop in Randomized Clinical Trials in Education Research

- Curry School of Education, May 17-18, 2010

I. ASCO Pre-Meeting Workshop in Contemporary Early Phase Clinical Trials,

- Chicago, May 31- June 1, 2012
- Chicago, May 31- June 1, 2013

J. AACR Methods Workshop: Clinical Trials

- Chicago, May 14, 2018

H. UVA THRIV Scholars Program

- Fall, 2018