

Farzad Noubary, PhD

Associate Clinical Professor
Northeastern University
Bouvé College of Health Sciences
f.noubary@northeastern.edu

EDUCATION

Undergraduate

BS, Mathematics The Pennsylvania State University

Graduate School

AM, Biostatistics Harvard University

PhD, Biostatistics Harvard University

ACADEMIC APPOINTMENTS

*March 2013-August 2018 Assistant Professor Tufts University School of Medicine
& Sackler School of Graduate
Biomedical Sciences*

*August 2018-Present Associate Clinical Professor
Northeastern University Bouvé
College of Health Sciences*

HOSPITAL APPOINTMENTS

*July 2010-February 2013 Biostatistician Department of General Medicine,
Massachusetts General Hospital*

*March 2013-August 2018 Special and Scientific Staff
Tufts Medical Center*

AWARDS AND HONORS

*2000-2004 Academic Excellence Scholarship, Schreyer Honors
College, The Pennsylvania State University*

*2002 Evan Johnson Memorial Award, Department of
Mathematics, The Pennsylvania State University*

*2002 Minority International Research Training Grant, Fogarty
International Center, NIH & Medical Research Council of
South Africa, Cape Town, South Africa*

*2003 AIDS Minority Training Grant, Fogarty International
Center, NIH & Programa de Computacao Cientifica,
Fundacao Instituto Oswaldo Cruz, Rio de Janeiro, Brazil*

2004	<i>Minority International Research Training Grant, Fogarty International Center, NIH & The World Health Organization, Geneva, Switzerland</i>
2004-2009	<i>Predoctoral Training Grant in HIV/AIDS, Department of Biostatistics, Harvard University</i>
2011	<i>Partners in Excellence Award, Massachusetts General Hospital</i>
2015	<i>Distinguished Speaker Award, Principles and Practice of Clinical Research, Harvard Medical School</i>

HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE ASSIGNMENTS

2003	<i>Commission on Racial and Ethnic Diversity, The Pennsylvania State University</i>
2003	<i>Department of Statistics Climate Committee, The Pennsylvania State University</i>
2007	<i>Department of Biostatistics Diversity Committee, Harvard University</i>
2014-Present	<i>Clinical and Translational Science Graduate Program Advisory Committee, Sackler School of Graduate Biomedical Sciences, Tufts University</i>
2015-Present	<i>Doctoral Qualifying Exam Committee, Clinical and Translational Science Graduate Program, Sackler School of Graduate Biomedical Sciences, Tufts University</i>
2016-Present	<i>Admissions Committee, Clinical and Translational Science Graduate Program, Sackler School of Graduate Biomedical Sciences, Tufts University</i>

TRAINING OF GRADUATE STUDENTS

a) Master's students

1. Katherine H. Michener, MD (2014)
Thesis: Aortic Stiffness and its Relationship to Kidney Disease, Brain Structure, and Cognition
Role: Statistical Mentor
2. Rajaa Nahra, MD (2014)
Thesis: Associations Between Bone Density and Body Composition in Persons Living with HIV
Role: Statistical Mentor
3. Jenica Upshaw, MD (2015)
Thesis: A Multi-state Model to Predict Heart Failure Hospitalizations and All-cause Mortality in Outpatients with Heart Failure with Reduced Ejection Fraction
Role: Statistical Mentor
4. Osama Amro, MD (2015)

- Thesis: Low Osmolar Diet and Adjusted Water Intake for Vasopressin Suppression in ADPKD: A Randomized Controlled Trial
Role: Statistical Mentor
5. Jonathan Babyak, DVM (2016)
Thesis: Hydroxyethyl Starch and the Risk of Acute Kidney Injury in Dogs
Role: Statistical Mentor
6. Robert Blanton, MD (2016)
Thesis: A Molecular Screen to Identify Novel Myocardial Therapeutic Targets for Human Heart Failure
Role: Statistical Mentor
7. Deborah Linder, DVM (2016)
Thesis: Association Between Pet Ownership, Animal Attachment, and Overweight Status in Children: An Exploratory Study
Role: Thesis Chair
8. Nelya Melnitchouk, MD (2016)
Thesis: Colorectal Cancer in Ukraine: Trends for the Last 14 Years
Role: Statistical Mentor
9. Marzieh Mirhashemi, PhD (2016)
Thesis: Transcriptome Analysis of *Cryptosporidium parvum*
Role: Thesis Chair
10. Jinghui Dong, PhD (2017)
Thesis: Timeliness of Treatment in Newly Diagnosed Breast Cancer Patients
Role: Statistical Mentor
11. Min Han, PharmD (2017)
Thesis: Comparative Effectiveness and Toxicity of Oral Antibiotics for Early Lyme Disease Associated with Erythema Migrans: A Systematic Review and Network Meta-Analysis
Role: Statistical Mentor
12. Elizabeth Schoenfeld, MD (2017)
Thesis: Physicians' Perspectives Regarding the Use of Shared Decision-Making in the Emergency Department
Role: Statistical Mentor
13. Alexa Craig, MD (2018)
Thesis: Delayed Rewarming for Neuroprotection in Infants Following Cardiopulmonary Bypass Surgery: A Pilot Study
Role: Statistical Mentor
14. Kimberly Esham, MD (2018)
Thesis: Assessment of Patient-Reported Health-Related Quality of Life among

Hospitalized Adults with Sickle Cell Disease
Role: Statistical Mentor

15. Teresa May, MD (2018)

Thesis: Variation in Sedation and Neuromuscular Blockade Regimens on Outcome After Cardiac Arrest

Role: Statistical Mentor

b) Doctoral students

1. Sowmy Thuppal, MD, PhD (2015)

Thesis: Treatment of Human Immunodeficiency Virus with Zidovudine and Tenofovir Regimen in India: A Comparative Effectiveness Study

Role: Statistical Mentor

TEACHING RESPONSIBILITIES

*March-December
2012*

Instructor, Introductory Biostatistics, Traditional and Distance Learning Courses (32 videos, 45 minutes each), University of Botswana School of Medicine & Botswana-Harvard Partnership

*September-December
2013 - present*

*Instructor, Biostatistics I (CRES 527), Sackler School of Graduate Biomedical Sciences, Tufts University
Overall course evaluation: 4.56/5 (2013), 4.57/5 (2014), 4.68/5 (2015), 4.68/5 (2016), 4.81 (2017)*

*September-December
2013, 2015, 2017*

*Co-Instructor, Biostatistics III (CRES 530), Sackler School of Graduate Biomedical Sciences, Tufts University
Overall course evaluation: 4.67/5 (2013), 4.67/5 (2015)*

*January-May
2014*

*Instructor, Biostatistics II (CRES 535), Sackler School of Graduate Biomedical Sciences, Tufts University
Overall course evaluation: 4.38/5 (2014)*

*January-May
2015 - present*

*Co-Instructor, Advanced Epidemiology and Regression Methods (CRES 575), Sackler School of Graduate Biomedical Sciences, Tufts University
Overall course evaluation: 4.75/5 (2015), 5.00/5 (2016), 4.75/5 (2017), 5.00/5 (2018)*

*January-May
2016 - present*

*Instructor, Statistical Methods for Nutrition Research II (NUTR 309), Friedman School of Nutrition Science and Policy, Tufts University
Overall course evaluation: 4.42/5 (2016), 4.91/5 (2017), 4.71/5 (2018)*

PROFESSIONAL SOCIETIES

2007-Present
2010-Present

Member, American Statistical Association
Member, International AIDS Society

EDITORIAL BOARDS AND ACTIVITY

Statistical Editor
Editor
Reviewer

Clinical Infectious Diseases
Statistical Communications in Infectious Diseases
Journal of the American Statistical Association

BIBLIOGRAPHY

a) *Refereed (i.e., peer-reviewed) papers*

1. King, G., R. K. Mallett, R. L. Bendel, **F. Noubary** and S. Nahata. "The Master Settlement Agreement and African Americans: Opinions About the Allocation of Resources." *Health Promot Pract*, vol. 5, no. 3 Suppl, 2004, pp. 135s-142s, doi:10.1177/1524839904264621.
2. **Noubary F.** and Noubary R. "On survival times of sport records." *Journal of computational and applied mathematics*. 2004 Aug 1;169(1):227-34.
3. King, G., A. J. Flisher, **F. Noubary**, R. Reece, A. Marais and C. Lombard. "Substance Abuse and Behavioral Correlates of Sexual Assault among South African Adolescents." *Child Abuse Negl*, vol. 28, no. 6, 2004, pp. 683-696, doi:10.1016/j.chiabu.2003.12.003.
4. King, G., P. Guilbert, D. G. Ward, P. Arwidson and **F. Noubary**. "Correlates of Sexual Abuse and Smoking among French Adults." *Child Abuse Negl*, vol. 30, no. 6, 2006, pp. 709-723, doi:10.1016/j.chiabu.2006.02.011.
5. King, G., A. Polednak, P. Fagan, T. Gilreath, E. Humphrey, A. Fernander, R. Bendel and **F. Noubary**. "Heterogeneity in the Smoking Behavior of African American Women." *Am J Health Behav*, vol. 30, no. 3, 2006, pp. 237-246, doi:10.5555/ajhb.2006.30.3.237.
6. Fernander, A. F., A. J. Flisher, G. King, **F. Noubary**, C. Lombard, M. Price and D. Chalton. "Gender Differences in Depression and Smoking among Youth in Cape Town, South Africa." *Ethn Dis*, vol. 16, no. 1, 2006, pp. 41-50.
7. Fay, M. P., **F. Noubary** and A. Saul. "Robust Non-Inferiority Tests for Potency of a Test Drug against a Reference Drug: (to Appear in *Statistics in Biopharmaceutical Research*)." *Stat Biopharm Res*, vol. 1, no. 3, 2009, pp. 291-300, doi:10.1198/sbr.2009.0023.
8. **Noubary, F.** and M. D. Hughes. "Assessing Agreement in the Timing of Treatment Initiation Determined by Repeated Measurements of Novel Versus Gold Standard Technologies with Application to the Monitoring of Cd4 Counts in Hiv-Infected Patients." *Stat Med*, vol. 29, no. 18, 2010, pp. 1932-1946, doi:10.1002/sim.3955.
9. Shenoy, E. S., H. Hsu, **F. Noubary**, D. C. Hooper and R. P. Walensky. "National Survey of Infection Preventionists: Policies for Discontinuation of Contact Precautions for Methicillin-Resistant Staphylococcus Aureus and Vancomycin-Resistant Enterococcus." *Infect Control Hosp Epidemiol*, vol. 33, no. 12, 2012, pp. 1272-1275, doi:10.1086/668427.

10. Ramirez-Avila, L., K. Nixon, **F. Noubary**, J. Giddy, E. Losina, R. P. Walensky and I. V. Bassett. "Routine Hiv Testing in Adolescents and Young Adults Presenting to an Outpatient Clinic in Durban, South Africa." *PLoS One*, vol. 7, no. 9, 2012, p. e45507, doi:10.1371/journal.pone.0045507.
11. Pollock, N. R., J. P. Rolland, S. Kumar, P. D. Beattie, S. Jain, **F. Noubary**, V. L. Wong, R. A. Pohlmann, U. S. Ryan and G. M. Whitesides. "A Paper-Based Multiplexed Transaminase Test for Low-Cost, Point-of-Care Liver Function Testing." *Sci Transl Med*, vol. 4, no. 152, 2012, p. 152ra129, doi:10.1126/scitranslmed.3003981.
12. **Noubary, F.** and M. D. Hughes. "Factors Affecting Timing of Antiretroviral Treatment Initiation Based on Monitoring Cd4 Counts." *J Acquir Immune Defic Syndr*, vol. 61, no. 3, 2012, pp. 326-333, doi:10.1097/QAI.0b013e31826be75e.
13. Ahonkhai, A. A., **F. Noubary**, A. Munro, R. Stark, M. Wilke, K. A. Freedberg, R. Wood and E. Losina. "Not All Are Lost: Interrupted Laboratory Monitoring, Early Death, and Loss to Follow-up (Ltfu) in a Large South African Treatment Program." *PLoS One*, vol. 7, no. 3, 2012, p. e32993, doi:10.1371/journal.pone.0032993.
14. Andrews, J. R., S. D. Lawn, C. Rusu, R. Wood, **F. Noubary**, M. A. Bender, C. R. Horsburgh, E. Losina, K. A. Freedberg and R. P. Walensky. "The Cost-Effectiveness of Routine Tuberculosis Screening with Xpert Mtb/Rif Prior to Initiation of Antiretroviral Therapy: A Model-Based Analysis." *Aids*, vol. 26, no. 8, 2012, pp. 987-995, doi:10.1097/QAD.0b013e3283522d47.
15. Andrews, J. R., **F. Noubary**, R. P. Walensky, R. Cerda, E. Losina and C. R. Horsburgh. "Risk of Progression to Active Tuberculosis Following Reinfection with Mycobacterium Tuberculosis." *Clin Infect Dis*, vol. 54, no. 6, 2012, pp. 784-791, doi:10.1093/cid/cir951.
16. Yazdanpanah, Y., J. Perelman, M. A. DiLorenzo, J. Alves, H. Barros, C. Mateus, J. Pereira, K. Mansinho, M. Robine, J. E. Park, E. L. Ross, E. Losina, R. P. Walensky, **F. Noubary**, K. A. Freedberg and A. D. Paltiel. "Routine Hiv Screening in Portugal: Clinical Impact and Cost-Effectiveness." *PLoS One*, vol. 8, no. 12, 2013, p. e84173, doi:10.1371/journal.pone.0084173.
17. Ciaranello, A. L., B. L. Morris, R. P. Walensky, M. C. Weinstein, S. Ayaya, K. Doherty, V. Leroy, T. Hou, S. Desmonde, Z. Lu, **F. Noubary**, K. Patel, L. Ramirez-Avila, E. Losina, G. R. Seage, 3rd and K. A. Freedberg. "Validation and Calibration of a Computer Simulation Model of Pediatric Hiv Infection." *PLoS One*, vol. 8, no. 12, 2013, p. e83389, doi:10.1371/journal.pone.0083389.
18. Govindasamy, D., K. Kranzer, N. van Schaik, **F. Noubary**, R. Wood, R. P. Walensky, K. A. Freedberg, I. V. Bassett and L. G. Bekker. "Linkage to Hiv, Tb and Non-Communicable Disease Care from a Mobile Testing Unit in Cape Town, South Africa." *PLoS One*, vol. 8, no. 11, 2013, p. e80017, doi:10.1371/journal.pone.0080017.
19. Walensky, R. P., E. L. Ross, N. Kumarasamy, R. Wood, **F. Noubary**, A. D. Paltiel, Y. M. Nakamura, S. V. Godbole, R. Panchia, I. Sanne, M. C. Weinstein, E. Losina, K. H. Mayer, Y. Q. Chen, L. Wang, M. McCauley, T. Gamble, G. R. Seage, 3rd, M. S. Cohen and K. A. Freedberg. "Cost-Effectiveness of Hiv Treatment as Prevention in Serodiscordant Couples." *N Engl J Med*, vol. 369, no. 18, 2013, pp. 1715-1725, doi:10.1056/NEJMsa1214720.
20. Pollock, N. R., S. McGray, D. J. Colby, **F. Noubary**, H. Nguyen, T. A. Nguyen, S. Khormae, S. Jain, K. Hawkins, S. Kumar, J. P. Rolland, P. D. Beattie, N. V. Chau, V. M. Quang, C. Barfield, K. Tietje, M. Steele and B. H. Weigl. "Field Evaluation of a Prototype Paper-Based Point-of-Care Fingerstick Transaminase Test." *PLoS One*, vol. 8, no. 9, 2013, p. e75616, doi:10.1371/journal.pone.0075616.

21. Hyle, E. P., B. R. Wood, E. S. Backman, **F. Noubary**, J. Hwang, Z. Lu, E. Losina, R. P. Walensky and R. T. Gandhi. "High Frequency of Hypothalamic-Pituitary-Adrenal Axis Dysfunction after Local Corticosteroid Injection in Hiv-Infected Patients on Protease Inhibitor Therapy." *J Acquir Immune Defic Syndr*, vol. 63, no. 5, 2013, pp. 602-608, doi:10.1097/QAI.0b013e31829b662b.
22. Ramirez-Avila, L., **F. Noubary**, D. Pansegrouw, S. Sithole, J. Giddy, E. Losina, R. P. Walensky and I. V. Bassett. "The Acceptability and Feasibility of Routine Pediatric Hiv Testing in an Outpatient Clinic in Durban, South Africa." *Pediatr Infect Dis J*, vol. 32, no. 12, 2013, pp. 1348-1353, doi:10.1097/INF.0b013e31829ba34b.
23. **Noubary F.** and Noubary R. "J-Measures for assessing agreement between two methods of clinical measurement." *JP Journal of Biostatistics*. 2014 Nov 1;11(2):135.
24. Inker, L. A., H. J. Lambers Heerspink, H. Mondal, C. H. Schmid, H. Tighiouart, **F. Noubary**, J. Coresh, T. Greene and A. S. Levey. "Gfr Decline as an Alternative End Point to Kidney Failure in Clinical Trials: A Meta-Analysis of Treatment Effects from 37 Randomized Trials." *Am J Kidney Dis*, vol. 64, no. 6, 2014, pp. 848-859, doi:10.1053/j.ajkd.2014.08.017.
25. Cohen, G. M., P. K. Drain, **F. Noubary**, C. Cloete and I. V. Bassett. "Diagnostic Delays and Clinical Decision Making with Centralized Xpert Mtb/Rif Testing in Durban, South Africa." *J Acquir Immune Defic Syndr*, vol. 67, no. 3, 2014, pp. e88-93, doi:10.1097/qai.0000000000000309.
26. Traa, M. X., L. Barboza, S. Doron, D. R. Snyderman, **F. Noubary** and S. A. Nasraway, Jr. "Horizontal Infection Control Strategy Decreases Methicillin-Resistant Staphylococcus Aureus Infection and Eliminates Bacteremia in a Surgical Icu without Active Surveillance." *Crit Care Med*, vol. 42, no. 10, 2014, pp. 2151-2157, doi:10.1097/ccm.0000000000000501.
27. Tickle-Degnen, L., M. Saint-Hilaire, C. A. Thomas, B. Habermann, L. S. Martinez, N. Terrin, **F. Noubary** and E. N. Naumova. "Emergence and Evolution of Social Self-Management of Parkinson's Disease: Study Protocol for a 3-Year Prospective Cohort Study." *BMC Neurol*, vol. 14, 2014, p. 95, doi:10.1186/1471-2377-14-95.
28. Shenoy, E. S., M. L. Paras, **F. Noubary**, R. P. Walensky and D. C. Hooper. "Natural History of Colonization with Methicillin-Resistant Staphylococcus Aureus (Mrsa) and Vancomycin-Resistant Enterococcus (Vre): A Systematic Review." *BMC Infect Dis*, vol. 14, 2014, p. 177, doi:10.1186/1471-2334-14-177.
29. Bassett, I. V., D. Govindasamy, A. S. Erlwanger, E. P. Hyle, K. Kranzer, N. van Schaik, **F. Noubary**, A. D. Paltiel, R. Wood, R. P. Walensky, E. Losina, L. G. Bekker and K. A. Freedberg. "Mobile Hiv Screening in Cape Town, South Africa: Clinical Impact, Cost and Cost-Effectiveness." *PLoS One*, vol. 9, no. 1, 2014, p. e85197, doi:10.1371/journal.pone.0085197.
30. Shenoy, E. S., **F. Noubary**, J. Kim, E. S. Rosenberg, J. A. Cotter, H. Lee, R. P. Walensky and D. C. Hooper. "Concordance of Pcr and Culture from Nasal Swabs for Detection of Methicillin-Resistant Staphylococcus Aureus in a Setting of Concurrent Antistaphylococcal Antibiotics." *J Clin Microbiol*, vol. 52, no. 4, 2014, pp. 1235-1237, doi:10.1128/jcm.02972-13.
31. Drain, P. K., E. P. Hyle, **F. Noubary**, K. A. Freedberg, D. Wilson, W. R. Bishai, W. Rodriguez and I. V. Bassett. "Diagnostic Point-of-Care Tests in Resource-Limited Settings." *Lancet Infect Dis*, vol. 14, no. 3, 2014, pp. 239-249, doi:10.1016/s1473-3099(13)70250-0.

32. Michener, K. H., G. F. Mitchell, **F. Noubary**, N. Huang, T. Harris, M. B. Andresdottir, R. Palsson, V. Gudnason and A. S. Levey. "Aortic Stiffness and Kidney Disease in an Elderly Population." *Am J Nephrol*, vol. 41, no. 4-5, 2015, pp. 320-328, doi:10.1159/000431332.
33. Jain, S., R. Rajasingham, **F. Noubary**, E. Coonahan, R. Schoepflein, R. Baden, M. Curry, N. Afdhal, S. Kumar and N. R. Pollock. "Performance of an Optimized Paper-Based Test for Rapid Visual Measurement of Alanine Aminotransferase (Alt) in Fingerstick and Venipuncture Samples." *PLoS One*, vol. 10, no. 5, 2015, p. e0128118, doi:10.1371/journal.pone.0128118.
34. Inker, L. A., A. Okparavero, H. Tighiouart, T. Aspelund, M. B. Andresdottir, G. Eiriksdottir, T. Harris, L. Launer, H. Nikulasdottir, J. E. Sverrisdottir, H. Gudmundsdottir, **F. Noubary**, G. Mitchell, R. Palsson, O. S. Indridason, V. Gudnason and A. S. Levey. "Midlife Blood Pressure and Late-Life Gfr and Albuminuria: An Elderly General Population Cohort." *Am J Kidney Dis*, vol. 66, no. 2, 2015, pp. 240-248, doi:10.1053/j.ajkd.2015.03.030.
35. Thuppal, S. V., C. A. Wanke, **F. Noubary**, J. T. Cohen, M. Mwamburi, A. C. Ooriapdickal, J. Muliyl, G. Kang, G. M. Varghese, P. Rupali, R. Karthik, R. Sathasivam, P. Clarence, S. A. Pulimood, D. Peter and L. George. "Toxicity and Clinical Outcomes in Patients with Hiv on Zidovudine and Tenofovir Based Regimens: A Retrospective Cohort Study." *Trans R Soc Trop Med Hyg*, vol. 109, no. 6, 2015, pp. 379-385, doi:10.1093/trstmh/trv016.
36. **Noubary F.** and Noubary R. "On Calculation of Failure Probability for Structures Designed Based on Magnitudes of Historical Events." *Applications & Applied Mathematics*. 2015 Dec 1;10(2).
37. Amro, O. W., J. K. Paulus, **F. Noubary** and R. D. Perrone. "Low-Osmolar Diet and Adjusted Water Intake for Vasopressin Reduction in Autosomal Dominant Polycystic Kidney Disease: A Pilot Randomized Controlled Trial." *Am J Kidney Dis*, vol. 68, no. 6, 2016, pp. 882-891, doi:10.1053/j.ajkd.2016.07.023.
38. Upshaw, J. N., M. A. Konstam, Dv Klaveren, **F. Noubary**, G. S. Huggins and D. M. Kent. "Multistate Model to Predict Heart Failure Hospitalizations and All-Cause Mortality in Outpatients with Heart Failure with Reduced Ejection Fraction: Model Derivation and External Validation." *Circ Heart Fail*, vol. 9, no. 8, 2016, doi:10.1161/circheartfailure.116.003146.
39. **Noubary F.** and Noubary R. "Survival Analysis of the Men's 100 Meter Dash Record." *Applications & Applied Mathematics*. 2016 Jun 1;11(1).
40. Lau, L. A., **F. Noubary**, D. Wang and C. G. Dulla. "Alpha2delta-1 Signaling Drives Cell Death, Synaptogenesis, Circuit Reorganization, and Gabapentin-Mediated Neuroprotection in a Model of Insult-Induced Cortical Malformation." *eNeuro*, vol. 4, no. 5, 2017, doi:10.1523/eneuro.0316-17.2017.
41. Babyak, J. M., D. E. Weiner, **F. Noubary** and C. R. Sharp. "Prevalence of Elevated Serum Creatinine Concentration in Dogs Presenting to a Veterinary Academic Medical Center (2010-2014)." *J Vet Intern Med*, vol. 31, no. 6, 2017, pp. 1757-1764, doi:10.1111/jvim.14823.
42. Levac, D., S. Glegg, H. Colquhoun, P. Miller and **F. Noubary**. "Virtual Reality and Active Videogame-Based Practice, Learning Needs, and Preferences: A Cross-Canada Survey of Physical Therapists and Occupational Therapists." *Games Health J*, vol. 6, no. 4, 2017, pp. 217-228, doi:10.1089/g4h.2016.0089.

43. Vani, K., S. R. Sompuram, A. K. Schaedle, A. Balasubramanian, M. Pilichowska, S. Naber, J. D. Goldsmith, K. G. Chang, **F. Noubary** and S. A. Bogen. "The Importance of Epitope Density in Selecting a Sensitive Positive IHC Control." *J Histochem Cytochem*, vol. 65, no. 8, 2017, pp. 463-477, doi:10.1369/0022155417714208.
44. Jin, H., C. M. Welzig, M. Aronovitz, **F. Noubary**, R. Blanton, B. Wang, M. Rajab, A. Albano, M. S. Link, S. F. Noujaim, H. J. Park and J. B. Galper. "Qrs/T-Wave and Calcium Alternans in a Type I Diabetic Mouse Model for Spontaneous Postmyocardial Infarction Ventricular Tachycardia: A Mechanism for the Antiarrhythmic Effect of Statins." *Heart Rhythm*, vol. 14, no. 9, 2017, pp. 1406-1416, doi:10.1016/j.hrthm.2017.05.026.
45. Linder, D. E., J. M. Sackeck, **F. Noubary**, M. E. Nelson and L. M. Freeman. "Dog Attachment and Perceived Social Support in Overweight/Obese and Healthy Weight Children." *Prev Med Rep*, vol. 6, 2017, pp. 352-354, doi:10.1016/j.pmedr.2017.04.014.
46. Mirhashemi, M. E., **F. Noubary**, S. Chapman-Bonofiglio, S. Tzipori, G. S. Huggins and G. Widmer. "Transcriptome Analysis of Pig Intestinal Cell Monolayers Infected with *Cryptosporidium Parvum* Asexual Stages." *Parasit Vectors*, vol. 11, no. 1, 2018, p. 176, doi:10.1186/s13071-018-2754-3.

b) Other papers presenting primary data

1. Kane, N., Petito, J., **Noubary, F.** Evaluating the utility of quarterly financial reports of hospitals. Report commissioned by the Massachusetts Division of Health Care Finance and Policy. 2008.

g) Theses

1. Noubary, F. Analysis of Exceedances in Sports. Undergraduate Thesis. Schreyer Honors College, The Pennsylvania State University. 2004.
2. Noubary, F. Statistical methods for evaluating novel CD4 enumeration technologies. Doctoral Thesis. Harvard University. 2011.