

**DATE:** November 28, 2023

**NAME:** Megan F. Rockafellow Baldoni

**PRESENT TITLE:** Assistant Professor; Administrative Director of Research and Evaluation

**TELEPHONE NUMBER/E-MAIL ADDRESS:** 732-235-9516; megrock@rutgers.edu

**CITIZENSHIP:** United States of America

**EDUCATION:**

A. Undergraduate Graduate and Professional

*The College of Saint Rose*

*Albany, New York*

*BA Biology*

*May 9, 2009*

B. Undergraduate Graduate and Professional

*Rutgers, The State University of New Jersey, School of Public Health*

*(Formerly) University of Medicine and Dentistry of New Jersey (UMNDJ)*

*Piscataway, New Jersey*

*MPH Environmental and Occupational Health*

*May 25, 2011*

*Rutgers, The State University of New Jersey, School of Public Health*

*Piscataway, New Jersey*

*PhD Environmental and Occupational Health*

*May 15, 2016*

**EMPLOYMENT:**

1. Rutgers, The State University of New Jersey, School of Public Health (Rutgers SPH)  
Department of Environmental and Occupational Health and Justice – Piscataway, NJ  
*Assistant Professor* *July 2023 - present*

Center for Public Health Workforce Development – Somerset, NJ

*Administrative Director of Research and Evaluation*

*Program Evaluator*

*July 2023 - present*

*December 2017 – June 2023*

2. New Jersey Department of Environmental Protection (NJ DEP)  
Geological and Water Survey – Ewing, New Jersey  
*Environmental Specialist/Field* *March 2014 - November 2017*
3. Rutgers, The State University of New Jersey, School of Public Health  
Piscataway, New Jersey  
*Research Assistant* *May 2012 – March 2014*  
*Teaching Assistant* *Spring 2012; Spring 2014*

**SERVICE ON GRADUATE SCHOOL AND UNIVERSITY COMMITTEES:**

1. Member, Rutgers Biomedical and Health Sciences (RBHS) Strategic Plan Implementation Monitoring and Assessment Team (IMAT) (2022 – present)
2. Member, M2 – Education and Training Sub-Committee, RBHS Strategic Plan Implementation Monitoring and Assessment Team (IMAT) (2022 - present)
3. Member, Rutgers Biomedical and Health Sciences (RBHS) Strategic Plan Implementation Monitoring and Assessment Committee (MAC) (2022 – present)

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:**

1. American Evaluation Association, member, 2018-present
2. NJ Private Well Consortium – Member, 2015 – Present  
Water Treatment Installer Licensing Sub-Committee, 2017 – Present
3. American Public Health Association, Member
4. American Association of Immunologists (AAI) - Trainee member, 2012-2014

**HONORS AND AWARDS:**

1. New Jersey American Industrial Hygiene Association (NJAIHA) - The President’s Award ,2015
2. Rutgers University School of Public Health - Stanley S. Bergen Endowed Scholarship, 2014-2015
3. New Jersey State Federation of Women’s Clubs of GFWC - Margaret Yardley Fellowship 2014
4. New Jersey American Industrial Hygiene Association (NJAIHA) - Brian M. Sylvester Memorial Scholarship, 2014
5. Rutgers University School of Public Health - Estate of Edith Richards Endowed Scholarship, 2012
6. UMDNJ School of Public Health Conference Travel Grant, 2012

**SPONSORSHIP (Primary Mentorship) OF CANDIDATES FOR POSTGRADUATE DEGREE:**

Rutgers School of Public Health Practicum Capstone - Site Preceptor

1. Dennis Canciello, Jr., MPH (2020) “Fall Prevention in the Construction Industry: How targeted training can improve safety knowledge and how safety climate perceptions may differ among supervisors and non-supervisors”

**TEACHING RESPONSIBILITIES:**

A.

1. Rutgers School of Public Health  
PHCO: Environmental and Occupational Health  
*Teaching Assistant* *Spring 2012; Spring 2014*
2. The College of Saint Rose  
Science 100/200  
*Teaching Assistant* *Fall 2008; Spring 2009*

**GRANT SUPPORT:** *(Please list in either chronological order with newest or most current first OR in reverse chronological order, as desired)*

A. Principal Investigator

1. Air and Waste Management Association (AWMA), *Air Pollution Educational Research Grant (APERG)*, 2012, \$25,000

B. Co-Investigator

1. NIEHS, NIH, UH4 ES027019, *Ebola Biosafety and Infectious Disease Response Training Yr1-2*, (PI: Mitchel Rosen). 06/01/2016-05/31/2020, \$504,734, 5% effort
2. NIEHS, NIH, UH4 ES027019-03/UH4ES027019-01, *Ebola Biosafety and Infectious Disease Response Training Year 3*, (PI: Mitchel Rosen). 06/01/2016-05/31/2020, \$252,367, 5% effort
3. NIEHS, NIH, 5U45ES006179-26, *Hazardous Materials Worker Health and Safety Training Yr26*, (PI: Mitchel Rosen). 08/01/2017-07/31/2018, \$103,3114, 5% effort
4. NIEHS, NIH, 5U45ES006179-26, *Hazardous Materials Worker Health and Safety Training -ECWT Yr26*, (PI: Mitchel Rosen). 08/01/2017-07/31/2018, \$550,000, 5% effort
5. NIEHS, NIH 5U45ES006179-26, *Hazardous Materials Worker Health and Safety Training -HDPT Yr26*, (PI: Mitchel Rosen). 08/01/2017-07/31/2018, \$141,770, 5% effort
6. Mt. Sinai School of Medicine, 0253-6537-4609, *Continuing Ed 821978*, (PI: Mitchel Rosen). 07/01/2017-06/30/2018, \$102,000, 5% effort
7. US Department of Labor, OSHA, SH-31181-17-60-F-34, *Targeted Topic: Fall Prevention in Construction - 822570*, (PI: Koshy Koshy). 09/30/2017-12/29/2018, \$155,000, 5% effort
8. NYC, Department of Transportation, CT1 841 20181427752 - 823971, (PI: Koshy Koshy). 06/15/2018-06/14/2020, \$200,000, 5% effort
9. NIEHS, NIH, 5U45ES006179-27, *Hazardous Materials Worker Health and Safety Training Yr27*, (PI:

- Mitchel Rosen). 08/01/2018-07/31/2019, \$102,7039, 5% effort
10. NIEHS, NIH, 5U45ES006179-27, *Hazardous Materials Worker Health and Safety Training -ECWT Yr27*, (PI: Mitchel Rosen). 08/01/2018-07/31/2019, \$55,0000, 5% effort
  11. NIEHS, NIH, 5U45ES006179-27, *Hazardous Materials Worker Health and Safety Training -HDPT Yr27*, (PI: Mitchel Rosen). 08/01/2018-07/31/2019, \$183,034, 5% effort
  12. Mount Sinai School of Medicine, 0253-6538-4609, *Continuing Ed*, (PI: Mitchel Rosen). 07/01/2018-06/30/2019, \$102,000, 5% effort
  13. US Department of Labor, OSHA, SH05026SH8 *Silica in Construction*, (PI: Koshy Koshy). 09/30/2018-12/29/2019, \$150,000, 5% effort
  14. NIEHS, NIH, 5U45ES006179-28, *Hazardous Materials Worker Health and Safety Training ECWT Yr28*, (PI: Mitchel Rosen). 08/01/2019-07/31/2020, \$550,000, 5% effort
  15. NIEHS, NIH, 5U45ES006179-28, *Hazardous Materials Worker Health and Safety Training HDPT Yr28*, (PI: Mitchel Rosen). 08/01/2019-07/31/2020, \$182,385, 5% effort
  16. NIEHS, NIH 5U45ES006179-28, *Hazardous Materials Worker Health and Safety Training HWWT Yr28*, (PI: Mitchel Rosen). 08/01/2019-07/31/2020, \$1,023,396, 5% effort
  17. Mount Sinai School of Medicine, 0253-6539-4609, *Continuing Ed*, (PI: Mitchel Rosen). 07/01/2019-06/30/2020, \$102,000, 5% effort
  18. US Department of Labor, OSHA, SH05108SH9, *Cranes, Derricks, or Hoists Hazards in Construction*, (PI: Koshy Koshy). 09/30/2019-12/29/2020, \$160,000, 5% effort
  19. NIEHS, NIH, 2U45ES006179-29, *Hazardous Materials Worker Health and Safety Training ECWT Yr29*, (PI: Mitchel Rosen). 08/01/2020-05/31/2021, \$578,355, 5% effort
  20. NIEHS, NIH, 2U45ES006179-29, *Hazardous Materials Worker Health and Safety Training HDPT Yr29*, (PI: Mitchel Rosen). 08/01/2020-05/31/2021, \$305,225, 5% effort
  21. NIEHS, NIH, 2U45ES006179-29, *Hazardous Materials Worker Health and Safety Training HWWT Yr29*, (PI: Mitchel Rosen). 08/01/2020-05/31/2021, \$112,9867, 5% effort
  22. US Department of Labor, OSHA, SH-99006-SH0, *Mitigating risks associated with COVID-19*, (PI: Koshy Koshy). 09/30/2020-12/29/2021, \$160,000, 5% effort
  23. Mount Sinai School of Medicine, 0253-6530-4609, *Continuing Ed*, (PI: Mitchel Rosen). 07/01/2020-06/30/2021, \$102,000, 5% effort
  24. NIEHS, NIH, 5U45ES006179-30, *Hazardous Materials Worker Health and Safety Training HWWT Yr30*, (PI: Mitchel Rosen). 06/01/2021-05/31/2022, \$1,129,867, 5% effort
  25. NIEHS, NIH, 5U45ES006179-30, *Hazardous Materials Worker Health and Safety Training HDPT Yr30*, (PI: Mitchel Rosen). 06/01/2021-05/31/2022, \$305,223, 5% effort
  26. NIEHS, NIH, 5U45ES006179-30, *Hazardous Materials Worker Health and Safety Training ECWT Yr30*, (PI: Mitchel Rosen). 06/01/2021-05/31/2022, \$578,356, 5% effort
  27. MSSM, *Continuing Education - 830584*, (PI: Mitchel Rosen). 07/01/2021-06/30/2022, \$127500, 5% effort
  28. NIEHS, NIH, 5U45ES006179-30, *COVID Supp2 CRCT*, (PI: Mitchel Rosen). 06/01/2021-05/31/2022, \$261,033, 5% effort
  29. US Department of Labor, OSHA, SH-36966-21-60-F-34, *Harwood ARPA COVID - Utilizing Respiratory Protections for Airborne Infectious Diseases and Contaminants*, (PI: Koshy Koshy). 09/30/2021-03/31/2023, \$172,489, 5% effort
  30. State of New Jersey, Division of Children and Families, *LGBTQ Rape Prevention and Education - 831301*, (PI: Mitchel Rosen). 05/01/2021-04/30/2022, \$107,776, 5% effort
  31. US Department of Labor, OSHA, SH-37142-21-60-F-34, *Alternative Options to Working at Heights: Managing Ladder and Scaffold Use*, (PI: Koshy Koshy). 09/30/2021-09/30/2022, \$160,000, 5% effort

## PUBLICATIONS:

- A. Refereed Original Article in Journal
  1. Rosen M, Weinstock D, **Rockafellow-Baldoni M**, Freeman K, Remington J. *Responding to Disasters: Training Can Overcome Issues in Disaster Response*. NEW SOLUTIONS: A Journal of Environmental and Occupational Health Policy. 2023;0(0). doi:10.1177/10482911231179916
  2. **M. Rockafellow-Baldoni, MPH, PhD**; B.L. Lubenow, MS; N.A. Procopio, MS, PhD; J.A. Gleason, MSPH; S.E. Spayd, MPH, PhD, PG (2019) *School-based Private Well Testing*

*Outreach Event for Arsenic and Boron in New Jersey*, Journal of Environmental Health, 83(2) 26-32, <https://go.rutgers.edu/JEH2020>

3. **Megan Rockafellow-Baldoni**, Steven E. Spayd, Jun-Yan Hong, Qingyu Meng, Pamela Ohman-Strickland & Mark G. Robson (2018) *Arsenic exposure and cancer risk reduction with local ordinance requiring whole-house dual-tank water treatment systems*, Human and Ecological Risk Assessment: An International Journal, 24:5, 1256-1267, DOI: [10.1080/10807039.2017.1411779](https://doi.org/10.1080/10807039.2017.1411779)
4. Sara V. Flanagan, Jessie A. Gleason, Steven E. Spayd, Nicholas A. Procopio, **Megan Rockafellow-Baldoni**, Stuart Braman, Steven N. Chillrud, Yan Zheng (2018) *Health protective behavior following required arsenic testing under the New Jersey Private Well Testing Act*, International Journal of Hygiene and Environmental Health, 221:6, 929-940, DOI: <https://doi.org/10.1016/j.ijheh.2018.05.008>

#### B. Abstracts and Posters

1. *APHA Annual Meeting (November 2023)*: Koshy Koshy, Mitchel Rosen, **Megan Rockafellow-Baldoni**, Derek Shendell, and Michael Presutti “*Wellness programs at workplaces- perspective of region 2 safety and health professionals*”
2. *APHA Annual Meeting (November 2023)*: Koshy Koshy, **Megan Rockafellow-Baldoni**, Derek Shendell, Mitchel Rosen, and Michael Presutti “*Workplace Respiratory Controls During the COVID-19 Pandemic: Opinions of Region 2 Safety and Health Trainers*”
3. *APHA Annual Meeting (November 2020)*: Mitchel Rosen, PhD, Derek Shendell, D. Env, MPH, **Megan Rockafellow-Baldoni, PhD, MPH** and Koshy Koshy, PhD “*Factors potentially influencing silica knowledge among safety and health professionals.*”
4. *APHA Annual Meeting (November 2019)*: Mitchel Rosen, PhD, Derek Shendell, D. Env, MPH, **Megan Rockafellow-Baldoni, PhD, MPH** and Koshy Koshy, PhD. “*Implementing the Construction Confined Space Standard in Region II (New Jersey and New York): Lessons Learned from Developing, Conducting, and Assessing Training.*”
5. *Geological Society of America – Northeastern Section 54<sup>th</sup> Annual Meeting Abstract/Accepted for Presentation (March 2019)*: Spayd, Steve; Stroiteleva, Yelena; Dooley, John; Lubenow, Brady L., **Rockafellow-Baldoni, Megan**; Filo, Rachel, Procopio III, Nicholas A.; Herman, Greg; Gleason, Jessie A. “*Elevated Boron Associated with Lithium, Sodium, Sulfate, and Arsenic in Newark Basin Private Wells.*”
6. *Journal of Immunology Conference Abstract (May 2014)*: Stephan Schwander, Pasquale Cantarella, Srijata Sarkar, **Megan Rockafellow**, and César Rivas-Santiago. “*Cellular Innate Immune Responses in Bacterial and Parasitic Infections Session Respiratory epithelial cell innate immunity against Mycobacterium tuberculosis is deregulated by air pollution particulate matter (PM).*”
7. *American Thoracic Society (ATS) Annual Meeting Abstract (April 2014)*: César E. Rivas-Santiago, Pasquale Cantarella, Srijata Sarkar, **Megan Rockafellow**, Alvaro R. Osornio Vargas, Martha Torres, Raul Quintana Belmares and Stephan Schwander. “*Particulate Air Pollution Matter (PM) modifies Innate Immunity of Type II Pneumocytes (A549) against Mycobacterium tuberculosis.*”
8. *Air and Waste Management Association, Mid-Atlantic States Section Meeting (April 2013)* (Philadelphia, PA), Poster Presentation  
**Megan F. Rockafellow**, César E. Rivas-Santiago, Srijata Sarkar, Pasquale Cantarella, Martha Torres, Alvaro R. Osornio Vargas, Jim Zhang and Stephan K. Schwander. “*Air Pollution Particle Effects on Human Antimycobacterial Immunity: Phagocytosis and Growth Control of Mycobacterium tuberculosis*”
9. *UMDNJ Global Health Fair* (New Brunswick, NJ), Poster Presentation December 2012  
**Megan Rockafellow**; Srijata Sarkar; Martha Torres; Alvaro Osornio Vargas; Jim Zhang and Stephan Schwander. “*Air Pollution Particle Effects on Human Antimycobacterial Immunity*”
10. *American Public Health Association (APHA) 104<sup>th</sup> Annual Meeting Abstract (October 2012)*: Ashley E. Miller, Veronica Lewis, **Megan F. Rockafellow**, Manthan P. Shah, Jennifer H. Therkorn, Youyou Xiong, Derek G. Shendell. (2012). “*Aldehydes in passenger vehicles: An analysis of data from the RIOPA Study 1999-2001.*”

11. International Society of Exposure Analysis Annual Meeting Poster Platform Presentation (October 2012): Ashley E. Miller, Derek G. Shendell, Veronica Lewis, **Megan F. Rockafellow**, Manthan P. Shah, Jennifer H. Therkorn, Youyou Xiong, J. Zhang. *Aldehydes in Passenger Vehicles: An analysis of data from the RIOPA Study 1999-2001*. Seattle, WA

**PRESENTATIONS:**

1. New Jersey Department of Human Services Division of Disability Services (Virtual), October 2023 “Introduction to Program Evaluation”
2. NIEHS WTP Fall Awardee Meeting and Workshop (Research Triangle Park, North Carolina), October 2023 “Panel Discussion About Human Subjects, Clinical Trials, and Institutional Review Boards”
3. NIEHS WTP Awardee Meeting and National Trainers Exchange (Indianapolis, Indiana), May 2023 “Methods for Reviewing and Evaluating Course Curriculum Annually”
4. NIEHS WTP Fall Awardee Meeting and Workshop (Research Triangle Park, North Carolina/ Hybrid), October 2022 “Longtime HAZWOPER Trainees - Why People Take Our Training, Results from a Multi-Grantee Evaluation”
5. Columbia University – Mailman School of Public Health NIEHS Superfund Research Program Seminar (New York), June 2018 “*New Jersey township ordinance for arsenic treatment reduces cancer risk*”
6. Raritan Headwaters Watershed Tools for Local Leaders Seminar Series (Flemington, New Jersey), September 2017 “*Hopewell Township Ordinance for Arsenic Treatment Reduces Cancer Risk*”
7. New Jersey Water Consortium Bi-Annual Meeting (Lawrenceville, New Jersey), May 2016 “*Cancer Risk Reduction from Arsenic Water Treatment Systems*”
8. NJDEP – Geological and Water Survey (Trenton, New Jersey), March 2016 “*Arsenic Water Treatment Systems: The Good, The Bad and The Ugly*”