



The USPHS Scientist Category: Ensuring Health for Generations

LT Colleen Scott

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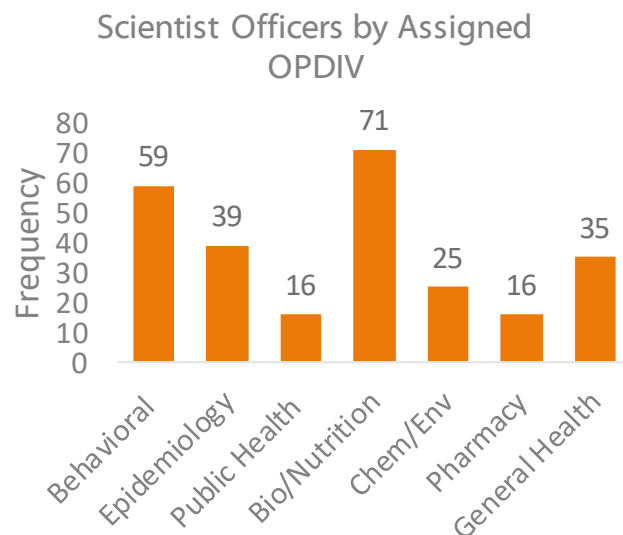
Background

Comprised of more than 6,700 public health professionals, the U.S. Public Health Service (USPHS) mission is to protect, promote, and advance the health and safety of the nation. Within the USPHS, there are 11 professional categories, with the Scientist Category formally established in 1945. As of 2016, the Scientist Category has more than 300 doctoral-level officers specializing in various scientific disciplines. USPHS Scientist officers serve the nation as dedicated practitioners of high-quality and rigorous science; providing evidence to protect and improve public health services for communities, to design new and innovative interventions, and to guide new research to address emergent health needs of the future. Regardless of agency, Scientist officers lead and participate in quality scientific research across a spectrum of disciplines.

Scientists by the Numbers

Based on data available from the Recruitment and Retention committee. As of October 2016:

>300 officers
45+ disciplines
30 OPDIVs



Selected High Impact Manuscripts Published by PHS Scientist Officers



Paz-Bailey G, Rosenberg ES, Doyle K, et al. Persistence of Zika Virus in Body Fluids — Preliminary Report. N Engl J Med, 2017; DOI: 10.1056/NEJMoa1613108.

Scientist: Tyler M. Sharp (LCDR, USPHS)
Primary Discipline: Biological Scientist
Position: Senior Epidemiologist
Assignment: CDC Dengue Branch
Duty Station: San Juan, Puerto Rico
Research Interests: Dengue, chikungunya, Zika, leptospirosis, and other emerging tropical diseases



Miller, M. F., Goodson, W. H., Manjili, et al. Low-Dose Mixture Hypothesis of Carcinogenesis Workshop: Scientific Underpinnings and Research Recommendations. Env Health Perspectives. 2017; 125(2), 163-169.

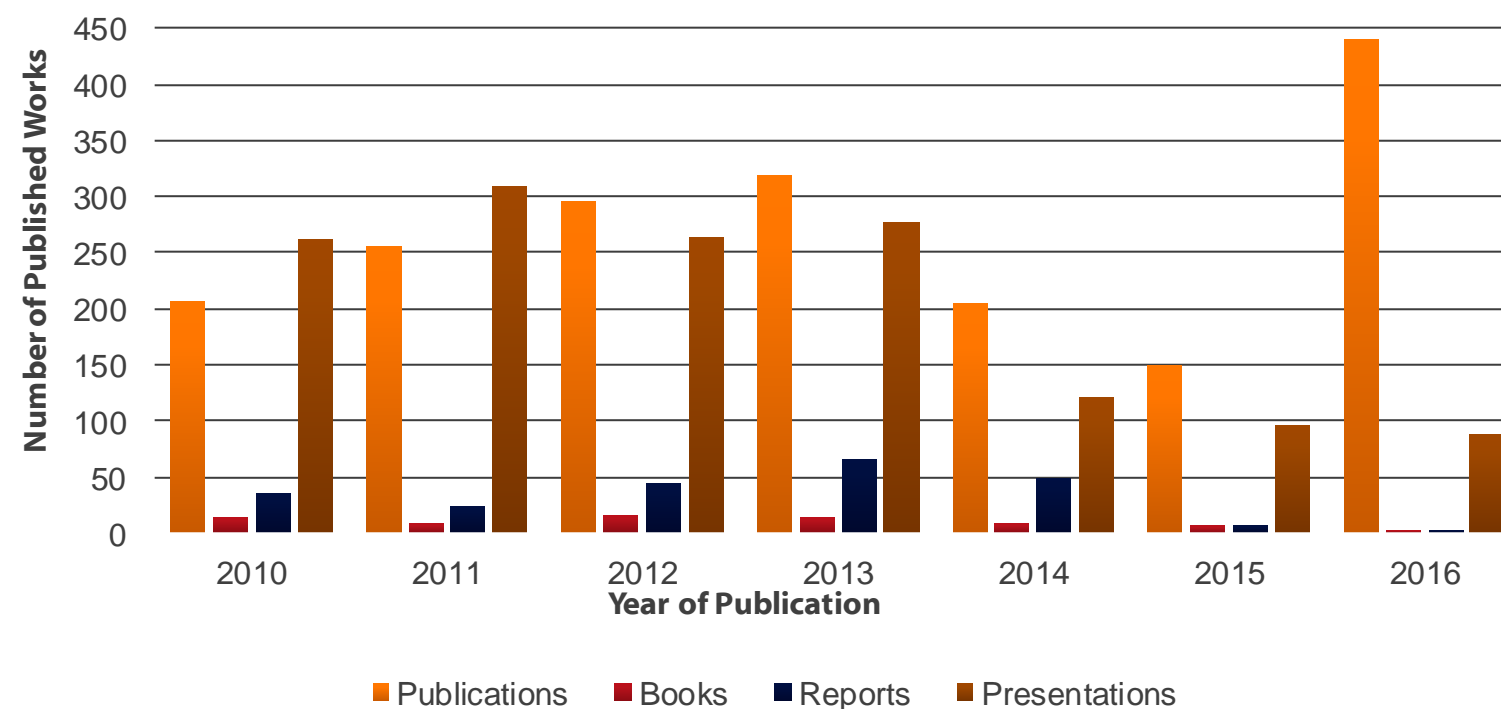
Scientist: Mark Miller (CDR, USPHS)
Primary Discipline: Toxicology, Science Admin
Position: Chief of Staff
Assignment: NIH/NIEHS
Duty Station: Research Triangle Park, NC
Research Interests: Environmental exposures, endocrine-disrupting chemicals, persistent organic pollutants



Demissie Z, Everett Jones S, Clayton HB, et al. Adolescent Risk Behaviors and Use of Electronic Vapor Products and Cigarettes. Pediatrics. 2017; 139(2):e20162921

Scientist: Zewditu Demissie (LCDR, USPHS)
Primary Discipline: Epidemiology
Position: Senior Research Scientist
Assignment: CDC
Duty Station: Atlanta, GA
Research Interests: Obesity, mental health, violence, sexual health, LGBT health, health disparities, substance use

SciPAC Bibliography of Scientist Officers, by type, 2010 - 2016



*The SciPAC bibliography is based on submissions and does not necessarily represent all works completed by Scientist Officers. It does highlight the wide array of scientific expertise as well as impact and reach of the Scientist Category.

Summary

USPHS Scientist officers are an indispensable asset for conducting and disseminating rigorous science both domestically and internationally. Scientist officers provide vital public health research and findings in the fight to prevent, intervene and mitigate disease and ensure the health of our nation for generations to come.

Acknowledgements

SciPAC Recruitment and Retention subcommittee
SciPAC Science subcommittee
SciPAC Visibility subcommittee
SciPAC Bibliography team
SciPAC High Impact Publications team

