


# BEVERLY GONZALEZ

## DATA SCIENTIST AND BIOSTATISTICIAN

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### professional summary

Experienced Data Scientist and Mathematical Statistician with a demonstrated history of working in Government and Academia. Skilled professional with a proven track record in published manuscripts and statistical methodology development.

Proven track record in Statistical Modeling, Mathematical Modeling, SAS, STATA, R, Gnuplot, LaTeX, Microsoft Excel, Data Analyses, and fostering collaborative expertise.

### skills

- Research Protocol Development
- Clinical Research Trials
- Data Cleaning
- Database Design
- Algorithm Implementation
- Analyzing Code
- Longitudinal Studies
- Statistical Analytics
- Clustering Algorithms
- Sampling Methodologies
- Critical Thinking
- R, SAS, STATA, Matlab, Maple

### experience

Mar 2024 - Present

#### **DATA SCIENTIST (FULL-TIME (40 HRS/WK)GS-13/STEP 3)**

Geriatrics & Extended Care Data & Analysis Center (GECDAC), Department of Veterans Affairs, Canandaigua, NY

- As a Full-Time Data Scientist:
- Responsible for conducting evaluation work: Medical Foster Home Cost evaluation and Long Term Institutionalization Prediction.
- Responsible for developing analytic files for infrastructure and projects that require the use of VINCI and CDW data sources.
- Responsible for supporting the GECDAC Staff and disseminating results or

### education

**Dec 2015**

#### **DOCTOR OF PHILOSOPHY (PH.D.) IN APPLIED MATHEMATICS AND BIOSTATISTICS**

Arizona State University,  
Tempe, AZ

**May 2011**

#### **MASTER OF SCIENCE (M.S.) IN BIOSTATISTICS**

Brown University,  
Providence, RI

**May 2008**

presenting at the GECDAC technical group meetings or other public meetings.

- Responsible for the continued oversight of the cost macro developed by one of the members of the team as they transition out.

Jun 2024 - Present

### **ADJUNCT ASSISTANT PROFESSOR OF BIOSTATISTICS**

Department of Biostatistics in the School of Public Health, Brown University, Providence, RI

- Responsible for developing a Programming Course using R/Phyton/SAS course for the Online Masters in Biostatistics (Health Data Science Track) in the School of Public Health (SPH).
- Responsible for ensuring the course covers basic computation skills such as database management (SQL and NoSQL); information retrieval and integration; data cleaning; data visualization; summary/exploratory analyses; developing packages; application programming interface (API); report generation; coding skills for reproducible research.

May 2022 - Mar 2024

### **BIOSTATISTICIAN(FULL-TIME(40HRS/WK) GS-12/STEP 7)**

Cooperative Studies Program Coordinating Center (CSPCC) at United States Department of Veterans Affairs, Hines, IL

- Developed graphical displays using statistical analysis software such as SAS or STATA or R for visualizing adverse events, serious adverse events, and protocol deviations that might be underreported when cross-checking with auditing reports.
- Wrote detailed analysis plans and descriptions of analyses and findings for research protocols and reports.
- Prepared statistical data from the large multi-center Chronic Kidney Disease clinical trial for inclusion in monthly reports to the 40 study sites, monitoring

### **MASTER OF SCIENCE (M.S.) IN STATISTICS**

University of Illinois Urbana-Champaign, Champaign, IL

**Dec 2004**

### **BACHELOR OF SCIENCE (B.S.) IN MATHEMATICS**

University of Illinois Urbana-Champaign, Champaign, IL

committees, federal regulatory agencies, project managers, and study team.

- Supervised and provided instructions to biostatistical assistants and programmers on collecting and tabulating data.
- Identified relationships and trends in data collected thus far, as well as any factors that might affect results of research.
- Presented statistical and non-statistical results related to study at all staff monthly meetings to study sites, peers, and principal investigator.
- Developed and tested analytical methods that address data that is truncated due to missing lab values being collected via sampling techniques for the data collected thus far.
- Report results of statistical analyses in peer-reviewed papers and technical manuals.
- Attended meetings and conferences with colleagues to keep abreast of methodological and conceptual developments in fields such as biostatistics, pharmacology, life sciences, and social sciences.

Aug 2018 - Dec 2023

**ADJUNCT PROFESSOR**

Harold Washington Community College,  
Chicago , IL

- Taught an introductory statistics class to undergraduates.

Feb 2016 - May 2022

**MATHEMATICAL STATISTICIAN(FULL-TIME; GS12/STEP 7)**

Center of Innovation for Complex Chronic Healthcare at United States Department of Veterans Affairs, Hines, IL

- Determined whether statistical methods were appropriate, based on user needs and research questions of interest.
- Supervised and provided instructions for statistical programmers extracting the study data from Veterans Affairs (VA) databases.
- Presented results of statistical analyses using graphs, charts, and tables, at

every stage of study for input across team members.

- Developed macro programming for statistical modeling and graphic analyses.
- Analyzed and interpreted statistical data to answer hypotheses being explored from funded grants.
- Helped with writing of methods section for grants being submitted.
- Conducted Sample Size and Power Calculations for grants being submitted.
- Helped with manuscript submission for funded grants.
- Mentored graduate students and residents working on their capstone projects or projects required for residency program.

Aug 2017 - Apr 2022

#### **ADJUNCT ASSISTANT PROFESSOR**

Department of Psychiatry and Behavioral Sciences at Northwestern University, Chicago, IL

- Lectured a yearly Statistical Research Methods courses via various media to meet needs of in-class and remote students.
- Introduced, taught, and utilized RStudio in the course to Masters and PhD Level Students to enhance effective real-world learning and application.
- Served as a dissertation mentor to several graduate students working on their thesis.
- Administered graded assignments, and created and completed midterm and final exams.

Feb 2015 - Feb 2016

#### **BIostatistician**

Clinical Research Office (CRO) at Loyola University Chicago, Maywood, IL

- Analyzed clinical and survey data, used statistical approaches such as longitudinal analysis, mixed-effect modeling, logistic regression analyses, and model-building techniques.
- Provided biostatistical consultation to clients and colleagues submitting

requests.

- Calculated sample size and power calculations required for clinical trials or observational studies prepared for grant submissions.
- Assigned work to biostatistical assistants and programmers.

Jun 2014 - Feb 2015

**BIostatistician and Director of Data Management**

Women's Interagency HIV Study (WIHS)  
Chicago Location for Johns Hopkins  
Bloomberg School of Public Health ,  
Chicago, IL

- Developed and used statistical models to track changes in biological phenomena, such as spread of infectious diseases (HIV).
- Created large datasets by merging across several sources of datasets, needed to answer Principal Investigator driven research questions.
- Cleaned and developed data dictionaries for multiple large longitudinal datasets collected monthly.
- Responsible for the organization of the case report forms collected for study participants at every visit.
- Analyzed archival data, such as birth, death, and disease records.
- Developed program code to analyze data with statistical analysis software (SAS, STATA, R) and placed on server for other junior statisticians to use.
- Responsible for manuscript development and journal submissions.

Jul 2013 - Jun 2014

**BIostatistician**

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Responsible for the execution of analyses needed for Prostate Cancer Research Team.
- Developed and implemented data analysis algorithms.
- Guided and Mentored MPH graduate students in their Prostate Cancer statistical research.

- Prepared articles for publication and presentation at professional conferences.

Jan 2012 - Jul 2013

### **DIRECTOR OF RESEARCH FOR HEALTH PROFESSIONS**

City Colleges of Chicago, Chicago, IL

- Responsible for tracking and analyzing student longitudinal data as part of the Health Professions Pathways (H2P) grant at Malcolm X College.
- Developed a system for tracking and managing case report forms used for auditing purposes.
- Evaluated and interpreted collected study data, and presented findings at study meetings.

Aug 2016 - Present

### **ADJUNCT PROFESSOR OF MATHEMATICS AND STATISTICS**

Northeastern Illinois University, Chicago, IL

- Explain complex mathematical and statistical concepts in easy-to-comprehend terminology.
- Use technology-based teaching via RStudio and communication platforms to aid students in understanding competencies with data science across different departments.
- Serve as a Co-Lead for the statistical and research services unit being developed to serve the analytical needs of faculty, staff, and students across the entire campus.

## languages

**SPANISH**

**Native**

## certifications

- SAS Data Management Certificate of Completion, Brown University

## awards

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Certificate of Achievement for Exemplary Leadership, Summer Pre-Doctoral Institute (SPI), University of Illinois at Urbana, IL

Mathematics Tutor of the Year Award (Multiple Years: 2001, 2002, 2004), Office of Minority Student Affairs, University of Illinois at Urbana, IL

Winning Undergraduate Poster Session at Joint Mathematics Meeting (2002), San Diego Convention Center, CA

President's Education Awards Program for Outstanding Academic Achievement at Lane Technical High School, Chicago, IL

## publications

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Cohen, R., Monte, S., Gongvatana, A., Ombao, H., Gonzalez, B., Devlin, K., Navia, B., Tashima, K., : Plasma cytokine concentrations associated with HIV/hepatitis C coinfection are related to attention, executive and psychomotor functioning. *Journal of Neuroimmunology*, (2010), doi:10.1016/j.jneuroim.2010.11.006

Goldman, S.M., Weaver, F.M., Stroupe, K.T., Cao, L., Gonzalez, B., Colletta, K., Brown, E.G. and Tanner, C.M., 2023. Risk of Parkinson Disease Among Service Members at Marine Corps Base Camp Lejeune. *JAMA neurology*.

Evans CT, Fitzpatrick M, Poggensee L, Gonzalez B, Gibson G, Jurasic MM, Echevarria K, McGregor JC, Cunningham F, Gellad W, Suda KJ 2021, Outpatient Prescribing of Antibiotics and Opioids by VHA Providers, 2015-2017. *American Journal of Preventive Medicine*.

Wilson, G.M, Fitzpatrick, M., Walding, K., Gonzalez, B., Schweizer, M.I., Suda, K.J., Evans, C.T. , 2021, February. Meta-analysis of Clinical Outcomes Using Ceftazidime/Avibactam, Ceftolozane/Tazobactam, and Meropenem/Vaborbactam for the Treatment of Multidrug Resistant Gram-Negative Infections. In *Open Forum Infectious Diseases*. US: Oxford University Press.

Wilson, G.M, Fitzpatrick, M.A, Walding, K., Gonzalez, B., Suda, K.J., Evans, C.T. , 2020, October. 1619. January. Meta-analysis of Randomized Control Trials Evaluating New Beta-Lactamase Combination Antibiotics. In *Open Forum Infectious Diseases*. Oxford University Press.

Wilson, G., Fitzpatrick, M., Walding, K., Gonzalez, B., Evans, C.T. , 2020. Meta-analysis of Outcomes Using Ceftolozane-Tazobactam and Ceftazidime-Avibactam for Multidrug-Resistant Organism Infections. *Infection Control & Hospital Epidemiology*, 41(S1), pp.s316-s316.

Weaver, F.M., Gonzalez, B., Ray, C., Etingen, B., Schwartz, A., Burns, S., Le, B., Aslam, H., Priebe, M. and Carbone, L.D., 2020. Factors influencing providers' decisions on management of bone health in people with spinal cord injury. *Spinal Cord*, pp.1-9.

Carbone, L.D., Gonzalez, B., Miskevics, S., Ray, C., Etingen, B., Guihan, M., Craven, C., Weaver, F.M., (2020): Long-Term Use of Oral Bisphosphonates and Fracture Risk in Men with Traumatic Spinal Cord Injury. *Journal of Physical Medicine and Rehabilitation*.

Martinez, RN., Smith, BM., Hogan, TP., French, D., Gonzalez, B., Osteen, C., Stroupe, KT.: (2020). Effect of the Affordable Care Act on Healthcare Utilization for Veterans with Spinal Cord Injuries and Disorders. *Journal of Spinal Cord Injury*.

Silva, A., Tarlov, E., Gonzalez, B., Smith, B., French, D., Hogan, T., Jordan, N., Huo, Z., Martinez, R., Ippolito, D., Stroupe, K.: Did the Affordable Care Act Decrease Veteran Enrollment in the Veterans Health Administration? *Medical Care* 58, no.8 (2020): 703-709.

Carbone, L.D., Gonzalez, B., Miskevics, S., Ray, C., Etingen, B., Guihan, M., Craven, C., George, V., Weaver, F.M. Association of bisphosphonate therapy with incident lower extremity fractures in persons with traumatic spinal cord injuries. Archives of Physical Medicine and Rehabilitation (2020).

Suda, K. J., Gibson, G., Jurasic, M. M., Poggensee, L., Gonzalez, B., Fitzpatrick, M. A., ... & Evans, C. T. (2019, October). 2093. Prescribing of Antibiotics by Provider Type Across the Veterans Health Administration (VHA), 2015–2017. In Open Forum Infectious Diseases (Vol. 6, No. Suppl 2, p. S707). Oxford University Press.

Le, B., Ray, C., Gonzalez, B., Miskevics, S., Weaver, F.M., Priebe, M., Carbone, L.D. (2019). Laboratory evaluation of secondary causes of bone loss in Veterans with spinal cord injury and disorders. Osteoporosis International

Le, B., Ray, C., Gonzalez, B., Miskevics, S., Weaver, F.M., Priebe, M., Carbone, L.D. (2019). Reasons for initiation and discontinuation of pharmacological therapies for osteoporosis in Veterans with spinal cord injury and disorder. Journal of Clinical Densitometry

Weaver, F. M., Binns-Calvey, A., Gonzalez, B., Kostovich, C., LaVela, S., Stroupe, K. T., Kelly, B., Ashley, N., Miskevics, S., Gerber, B., Burkhart, L. (2019). Alerting Doctors About Patient Life Challenges: A Randomized Control Trial of a Previsit Inventory of Contextual Factors. MDM policy & practice, 4(1), 2381468319852334.

Stroupe, KT, Smith, B, Weaver, FM, Gonzalez, B, Huo Z, Lishan Cao L, Ippolito D, Follett KA.(2019). Healthcare utilization and costs for patients with Parkinson's disease after deep brain stimulation. Movement Disorders Clinical Practice.

Stroupe, K., Martinez, R., Hogan T., Gordon, E., Gonzalez, B., Kale, I., Osteen C., Tarlov, E., Weaver, F., Hynes, D., Smith, B.: Experiences with the Veterans' Choice Program. Journal of General Internal Medicine. (2019).

Weaver, F.M., Le, B., Ray, C., Miskevics, S., Gonzalez, B., Carbone, L.D.(2019). Predicting osteoporosis medication receipt in Veterans with a spinal cord injury: A Retrospective Cohort Study. Journal of Spinal Cord Injury Medicine.

Jawahar, A., Gonzalez, B., Balasubramanian, N., Adams, W., Goldberg, A. (2019). Comparison of Computed Tomography hepatic steatosis criteria for identification of abnormal liver function and clinical risk factors, in incidentally-noted fatty liver. European Journal of Gastroenterology & Hepatology.

Weaver, F., Stroupe, K., Smith, B., Gonzalez, B., Huo, Z., Cao, L., Ippolito, D., Follett, K.: Survival in patients with Parkinson's disease after deep brain stimulation or medical management. Movement Disorders, 2017.

Williams, A., Gonzalez, B., Fitzgerald, C., Brincat, C.: Racial/Ethnic Differences in Perineal Lacerations in a Diverse Urban Healthcare System. Female Pelvic Medicine & Reconstructive Surgery, 2017.

Jawahar, A., Gonzalez, B., Balasubramanian, N., Adams, W., Goldberg, Ari: Comparison of correlations between lipid profile and different computed tomography fatty liver criteria in the setting of incidentally noted fatty liver on computed tomography examinations. European Journal of Gastroenterology & Hepatology. 2017.

Vu, P., Mai, H., Adams, W., Gonzalez, B., Kliethermes, S., Clark, J., Henry, E., 2016: Efficacy and tolerability of high dose interleukin-2 (HD IL-2) after disease progression on targeted therapy (TT) for metastatic renal cell carcinoma (mRCC).

Weber K., Heaphy C., Rohrmann S., Gonzalez B., Bienstock J., Agurs-Collins T., Platz E., Meeker A.: Influence of In Utero Maternal and Neonate Factors on Cord Blood Leukocyte Telomere Length: Clues to the Racial Disparity in Prostate Cancer? Prostate Cancer. 2016.

Kulac I., Gumaskaya B., Drake C. G., Gonzalez B., Arnold K.B., Goodman P.J., Kristal A., Lucia S., Thompson I.M., Isaacs W., De Marzo A.M.: Peripheral Zone Inflammation is Not Strongly Associated with Lower Urinary Tract Symptom Incidence and Progression in the Placebo Arm of the Prostate Cancer Prevention Trial. The Prostate. 2016: 76.15: 1399-1408.

Lynch T., Kuster, D., Gonzalez B., Balasubramanian N., Nair N., Day S., Calvino J., Tan Y., Liebetrau C., Troidl C., Hamm C., Guclu A., McDonough B., Marian A., Velden J., Seidman C., Huggins G., Sadayappan, S.: Cardiac Myosin Binding Protein-C



Autoantibodies are Potential Early Indicators of Cardiac Dysfunction and Patient Outcome in Acute Coronary Syndrome. Journal of the American College of Cardiology (JACC), 2016.

Armstrong J., Willand L., Gonzalez B., Sandhu J., Mosier J.: Quantitative analysis of estimated burn size accuracy for transfer patients. Journal of Burn Care and Research, 2016.

Kulac, I., Gumaskaya, B., Drake, C. G., Gonzalez, B., Arnold K. B., Goodman, P. J., Kristal A. R., Lucia, M. S., Thompson, I. M., Isaacs, W. B., De Marzo, A. M., and Platz, E.A. (2016): Peripheral Zone Inflammation is Not Strongly Associated with Lower Urinary Tract Symptom Incidence and Trajectory in the Placebo Arm of the Prostate Cancer Prevention Trial. Prostate. Doi: 10.1002/pros.23224.

Kliethermes, S., Ma M., Purtell C., Balasubramanian N., Gonzalez B., Layden T., Cotler S.: An Assessment of Racial Differences in the Upper Limits of Normal ALT Levels in Children and the Effect of Obesity on Elevated Values. Pediatric Obesity. 2016, doi: 10.1111/ijpo.12152

Naravadi, V.V.R., Gonzalez, B., Cotler, S. and Loy, V., 2016. Normalization of Alanine Aminotransferase Levels at the End of Treatment with Direct-Acting Antiviral Therapy for Chronic Hepatitis C Infection Is Associated with Sustained Virological Response: 803. Official journal of the American College of Gastroenterology| ACG, 111, pp.S355-S356.

Naravadi, V.V.R., Haydek C., Balasubramanian N., Gonzalez B., Venu M., 2016. Sa1298 Proton Pump Inhibitor Prescribing Patterns After Negative pH Studies. Gastroenterology, 150(4), pp.S273-S274.

Muralidhar, A., Djondo, D., Mancl, E., Kliethermes, S., Gonzalez, B., Ganguli, S., Sayegh, B. and Simpson, K., 2015. Assessing the Hemodynamic Changes and Clinical Effects of Methylene Blue in Patients With Septic Shock. Chest, 148(4), p.347A.

Shahid R., Vigilante M., Deyro H., Reyes I., Gonzalez B., Kliethermes S.: Risk Factors for Failed Newborn Otoacoustic Emissions Hearing Screen. Clinical Pediatrics, 2015, doi: 10.1177/0009922815615826.

Cooney R., Beck A., Gonzalez B., Gamelli RL, Mosier MJ.: Not All Drugs Are Created Equal: The Importance of Causative Agent in Toxic Epidermal Necrolysis. Journal of Burn Care & Research, 2016 Jan-Feb; 37(1): e69-78, doi:10.1097/BCR.0000000000000328.

Cooper K., Lattell J., Gonzalez B., Kliethermes S., Nand S.: Prevalence of Multiple Primary Hematologic Malignancies Seen at a Tertiary Care Center. Blood, 2015, 126:5017.

Wong, M., Mabuyi, A. and Gonzalez, B., 2014, December. Attitudes To Alarm Fatigue and Alarm Management Tools Hospitals Want: Hospital Responses to Survey on Opioid Management. In ANESTHESIA AND ANALGESIA (Vol. 119).

Gonzalez B., Huerta-Sanchez E., Ortiz-Nieves A., Vasquez-Alvarez T, Dr. Zaleta M. : Am I Too Fat: Bulimia as an Epidemic. Journal of Mathematical Psychology, 47: 515-526, 2003.

LaTrese D., Gallegos J., Gonzalez B., Smith C. : The Association Between Body Mass Index and Mortality in Hispanics. Journal of the Mississippi Academy of Sciences, 49: 95, 2004.

Saban, K.L., Collins, E.G., Mathews, H.L., Bryant, F.B., Gonzalez, B., Bhoopalam, S., Chroniak, C., Janusek, L.W., 2021. Impact of a Mindfulness Based Stress Reduction Program on Psychological Well-Being, Cortisol, and Inflammation in Women Veterans. Journal of General Internal Medicine.

Ayvazian.J., Gonzalez, B., Desmond, M., Jones, R., Burkhart, L., 2020. United States Department of Veterans Affairs Post-Baccalaureate Nurse Residency: Developing Nurses Equipped with Knowledge and Skills to Care for Nation's Veterans. Nursing Clinics of North America.

Goldman, S.M., Weaver, F.M., Gonzalez, B., Stroupe, K.T., Cao, L., Colletta, K., Brown, E.G. and Tanner, C.M., 2024. Parkinson's Disease Progression and Exposure to Contaminated Water at Camp Lejeune. Movement Disorders.

## invited talks

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Invited Presentation, Initiative to Maximize Student Diversity, Brown University,  
Providence, RI Jul 7 & 14, 2010

Faculty Trainers: Joe Hogan; Hernando Ombao

Senior Scholar: Beverly Gonzalez

Seminar Title: Introduction to Statistical Analysis of Data

Invited Teaching, Department of Public Health Sciences Stritch School of  
Medicine, Loyola University Chicago

Senior Faculty: Dr. Durazo

Course: Biostatistics I Course Feb 2016

Lecture Title: Study Designs Sample Size Estimation

Poster Presentation, SACNAS National Conference, Anaheim, CA Sep 30 – Oct 3, 2010

Poster Title: Plasma cytokine concentrations associated with HIV/hepatitis C  
co-infection are related to attention, executive and psychomotor functioning.

Statistical Seminar, Initiative to Maximize Student Diversity, Brown University,  
Providence, RI Jul 7 & 14, 2010

Faculty Trainers: Joe Hogan; Hernando Ombao

Senior Scholar: Beverly Gonzalez

Seminar Title: Introduction to Statistical Analysis of Data

Middle School Workshops, Girls Engaged in Math and Science (GEMS), National Center for Supercomputing Applications,  
University of Illinois, Urbana, IL Spring 2004 & 2005

Senior Faculty: Edee Wiziecki, Ph.D.

Workshop Title: Introduction to Squeak; Project Interactive; Introduction to Moodle;  
Introduction to Croquet

## grants completed

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Agency: VA Health Services Research and Development

ID#: HSR&D IIR 16-261

Title: Impact of the VA Medication Copayment Redesign

Principal Investigator: Kevin Stroupe, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 3.0 months

Total costs per project period: \$1,098,473

Project Period: 9/17 – 3/22

Agency: VA Health Services Research and Development

ID#: HSR&D QUE 15-269

Title: Queri carriage-NCP COVID 19 Vaccine Rapid Response

Principal Investigator: Kevin Stroupe, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 20%

Total costs per project period: \$99,226

Project Period: 4/21 – 9/21

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 16-028

Title: Effectiveness of Treatment and Outcomes for Veterans Infected with Resistant Gram-negative Organisms

Principal Investigator: Charlesnika Evans, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 0.3 cal mo

Total costs per project period: \$652,352

Project Period: 4/18-9/21

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 16-267

Title: Engaging Patients and Providers in Identifying and Addressing Modifiable Risk Factors to Prevent Community-Acquired Ulcers in Veterans with SCI

Principal Investigator: Lisa Burkhart, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 20%

Total costs per project period: \$87,914

Project Period: 11/20-10/21

Agency: VA Health Services Research and Development

ID#: CIN 14-257

Title: HSR&D Researchers & Evaluators in Residence Program Opportunity, Evaluation of VHA OAA Nurse Residency Program

Principal Investigator: Lisa Burkhart, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 1.2 cal mo

Total costs per project period: \$1,047,387

Project Period: 4/18-6/22

Agency: VA Health Services Research and Development

ID#: CX-19-001

Title: Parkinson's disease and exposure to chlorinated solvents at Marine Base Camp Lejeune

Principal Investigator: Samuel Goldman, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 28%

Total costs per project period: \$57,070

Project Period: 1/20-12/22

Agency: VA Health Services Research and Development

ID#: IIR 15-101

Title: Assisted Care Transition Intervention for Veterans with Chronic Heart Failure or Chronic Obstructive Pulmonary Disease

Principal Investigator: Bridget Smith, Ph.D. & Timothy Hogan, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 17%

Total costs per project period: \$21,985

Project Period: 10/20-6/21

Agency: Department of Defense

ID#: SCI150092

Title: Management of Osteoporotic Fractures in Veterans with Spinal Cord Injury

Principal Investigator: Laura Carbone, MD., MS., FACP

Role on Project: Co-Investigator

Percent Effort: 1.7 calendar

Total costs per project period: \$703,636

Project Period: 10/16 – 9/19

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 15-294

Title: Best Practices for Management of Fractures in Spinal Cord Injuries and Disorders

Principal Investigator: Laura Carbone, MD., MS., FACP and Frances Weaver, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 6 cal mo (Yr 1), 3.6 cal mo (Yr 2), 2.4 cal mo (Yr 3)

Total costs per project period: \$703,636

Project Period: 5/17 – 4/20

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 17-039

Title: Improving Veteran Health by Increasing Dental Stewardship of Antibiotics and Opioids

Principal Investigator: Katie Suda, PharmD.

Role on Project: Co-Investigator

Percent Effort: 0.3 calendar

Total costs per project period: \$653,695

Project Period: 7/18 – 6/21

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 14-069 (Stroupe)

Title: Use of VA and non-VA health care after the Affordable Care Act

Principal Investigator: Kevin Stroupe, Ph.D.

Role on Project: Co-Investigator

Effort: 2.4 calendar

Total costs per project period: \$961,837

Project Period: 5/15 – 4/18

Agency: VA Health Services Research and Development

ID#: HSR&D IIR 17-155

Title: Access, Costs, and Effectiveness (ACE) Evaluation of Care in the Community Using a Multi-Method

Principal Investigator: Denise Hynes, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 1.8 calendar

Total costs per project period: \$139,089

Project Period: 4/17 – 9/18

Agency: Medtronic

ID#: CARES (Weaver)

Title: Cost Analyses of DBS for Parkinson's Disease

Principal Investigator: Frances Weaver, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 2.4 calendar

Total costs per project period: \$119,052

Project Period: 7/15 – 12/17

Agency: Department of Veterans Affairs

ID#: SDR 12-280

Title: Developing a Patient Inventory to Facilitate Patient Centered Care Delivery

Principal Investigator: Frances Weaver, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 2.4 calendar

Total costs per project period: \$221,534

Project Period: 2/14 – 7/16

Agency: NIH / NIGMS

ID#: NIH PAR-06-553; Initiative to Maximize Student Development (IMSD-R25) Program

Title: Advancing the Culture of PhD Learning & Scholarship in Biology and Health Sciences

Principal Investigator: Andrew Campbell, Ph.D.

Role on Project: Graduate Student

Total costs per project period: \$1,560,952

Project Period: 4/08 – 3/12

## graduate students mentored

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MASTERS' STUDENTS AT NORTHWESTERN UNIVERSITY:

(1) MOLLY WINSTON PHYSIOLOGICAL REGULATION AND SOCIAL EMOTIONAL PROCESSING IN FEMALE CARRIERS OF THE FMR1 PREMUTATION (GROWTH CURVE ANALYSIS).  
SEPTEMBER 2018.

(2) YOLANDA YANG PARENTAL STRESS ON CHILD OUTCOMES

(3) CLARA LAW PARENTAL STRESS ON CHILD OUTCOMES

STUDENT MENTORING (AS A PHD THESIS ADVISER)

(1) ALEXANDRA MORFORD IDENTIFYING UNDERLYING COMPONENTS TO PARENT-RELATED RISK FACTORS OF CHILD MALTREATMENT (ONGOING)