

Holly J. Bergen

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SUMMARY OF QUALIFICATIONS

SOFT SKILLS

- Natural leader and effective communicator
- Personable phone skills and work relationships
- Knowledge in psychology, cognitive science, medicine, and tech
- Ability to quickly adapt to new program/OS
- Desire and willingness to learn
- Motivated and dedicated
- Critical thinker and problem-solver
- Great attention to detail and research skills

TECHNICAL SKILLS

- Trained with CPT and ICD-9 codes, IRB, HIPAA protocol and health insurance policies
- Programming ability in Python, HTML, JavaScript, MATLAB, and Excel VBA
- Experience with building and calling APIs using Flask and databases using SQL, noSQL
- Experience with statistical analysis in SPSS, SAS – JMP, MATLAB and Python
- Exposure to Linux/Unix shell, Git, GitHub

PROFESSIONAL EXPERIENCE

Gene St. Louis Consulting – San Diego, CA

Mar, 2019 – Present: Freelance Contractor/Consultant

- Responsible for maintenance of in-depth dental industry analysis tools primarily in Microsoft Excel including VBA programming tasks and data visualizations
- Creating Microsoft PowerPoint templates and ongoing visualizations for industry presentations

University of California, San Diego Data Science Bootcamp – San Diego, CA

Jan, 2019 – Present: Student

- Create Python-based scripts to automate the cleanup, re-structuring, and rendering of large, heterogeneous datasets, interact with RESTful APIs using Python Requests and JSON parsing techniques, build custom interactive data visualizations using D3.js and other JavaScript libraries
- Write SQL commands to perform create, read, update, and delete commands, scrape information from web pages in order to collect data from a wide-variety of online sources, create basic interactive websites and applications with HTML, CSS, JavaScript/D3, AJAX, and Leaflet

StemGenex, Inc. – San Diego, CA

Dec, 2016 – Oct, 2018: Data Specialist and Clinical Research Coordinator

- Patient advocacy responsibilities such as collecting data from patient charts, medical records, questionnaires, diagnostic tests, as well as coordinating and planning all aspects of travel for patients, including hotel and transportation arrangements
- Clinical research responsibilities such as conducting pre and post treatment assessments of patients through questionnaires, collecting, maintaining, and analyzing clinical research data, acting as liaison between research staff and third party organizations such as IRB and FDA
- Administrative responsibilities such as triaging of phone calls, communicating with patients, general office duties such as filing, copying, faxing, create spreadsheets/report, offering assistance to members of other teams when necessary

Pine House Café & Tavern - Mount Laguna, CA

July, 2016 – June, 2017: Executive Assistant

- Reliable right-hand to restaurant owner in various logistical tasks, including but not limited to; market research, event coordinating and planning, marketing tasks, collecting donations, and promoting for and running charity events

University of California, San Diego – San Diego, CA

June, 2013 – June, 2016: Research Assistant – Infant Vision Lab

- Responsible for running research studies from conception to implementation. Including: recruiting and testing human subjects, data entry and organization, independently analyzing individual and large sets of data
- Maintaining communication within, as well as organization and maintenance of the lab, training and helping manage teams of incoming research assistants, working on multiple studies simultaneously

Pearson Education, Inc. – San Diego, CA

September, 2015 – January, 2016: Research Assistant (Contracted)

- Data collection at an Elementary afterschool program, proctoring pre and post assessment tests, assisting in children's learning and training of "brain training" application
- Recording and maintaining accurate data, troubleshooting technology, and coordinating with research team, school program leaders, and technology specialists throughout data collection process

EDUCATION

2019	Data Science Bootcamp <i>University of California, San Diego - Extension</i>
2013-2016	B.S. Psychology - Developmental Minor: Cognitive Science Cum Laude, Highest Distinction <i>University of California, San Diego</i> Specialized in areas of developmental psychology, social psychology, and Cognitive Neuroscience Overall GPA: 3.8 Major GPA: 3.9
2011-2013	A.A. Liberal Arts and Sciences: Social/Behavioral Sciences – Psychology <i>San Diego Mesa College, CA</i> Overall GPA: 3.6 Major GPA: 4.0

RESEARCH EXPERIENCE

2015 – 2016	University Research <i>The Effects of Hugging on Feelings of Intimacy.</i> Responsible for data analysis. Supervisor: Dobkins, Karen, Ph.D, University of California, San Diego
2014 – 2015	University Research – Honors Thesis Project <i>Bringing Purpose to Healthy Eating in Adolescents.</i> Responsible for assisting in the development and editing of treatment stimuli, data collection, data entry and coding, and data analysis. Principle Investigator: Bryan, Christopher, Ph.D, University of California, San Diego
2014 Spring	Group Honors Research Project <i>Conceal or Reveal: Does Publicizing Goals Lead to Achievement?</i> Responsible for conceptualization and creation of methods, data collection, data analysis, literature review and assisted in project write-up. Supervisor: Professor Klienman, Daniel, Ph.D., University of California, San Diego
2013 – 2014	University Research <i>Effects of External Noise on Contrast Sensitivity for Intact and Scrambled Faces in Infants.</i> Responsible for overseeing entire project from scheduling to testing subjects, analyzing individual data, data entry, organization of data, recording and tracking study changes, analyzing comprehensive data sets. Principle Investigator: Dobkins, Karen, Ph.D, University of California, San Diego
2013 Spring	National Research Project <i>International Situations Project.</i> Responsible for data collection. Supervisor: Professor Jaye Van Kirk, Past National Psi Beta President and current Advisor for Psi Beta, San Diego Mesa College.

- 2012 Fall Group Honors Research Project**
Normative and Informational Influence When Decision-Making in Groups. Main author. Responsibilities included collecting and analyzing data and project write-up of literature review, abstract, background, and conclusion. Supervisor: Professor Bourdages, Joline, M.A. San Diego Mesa College.
- 2012 Spring Independent Honors Research Project**
A Behavioral Approach to Conflict in Interpersonal Relationships: Using Positive Reinforcement and Extinction. Main Author and sole researcher. Responsible for entire project from concept to completion, including data collection, analysis, literature, and project write-up. Supervisor: Kanevsky, Inna, Ph.D., San Diego Mesa College.

PRESENTATIONS

- Bergen, H., Chabot, A., Yeager, D., Bryan, C. (2015) *Bringing Purpose to Healthy Eating in Adolescence.* Poster presentation for the Psychology Honors Poster Session at University of California, San Diego
- Dobkins, K., Blumenthal, E., McIntire, M., Bergen, H., Adiao, A. (2014) *Effects of External Noise on Contrast Sensitivity for Intact and Scrambled Faces in Infants.* Poster session at the Conference Research for the Arts, Social Sciences, and Humanities at University of California, San Diego
- Bergen, H., Adiao, A. (2014) *Effects of External Noise on Contrast Sensitivity for Intact and Scrambled Faces in Infants.* Talk presentation at the Undergraduate Research Conference at University of California, San Diego
- Bergen, H., Inukai, S., Jia, J., Liu, D. (2014) *Conceal or Reveal: Does Publicizing Goals Lead to Achievement?* Poster session for psychology honors program students at University of California, San Diego
- Bergen, H., Monjaras, L., Dowd, M. (2013) *Normative and Informational Influence When Decision-Making in Groups.* Poster session at Honors Transfer Council of California at the University of California, Irvine.
- Bergen, H., Monjaras, L., Dowd, M. (2013) *Normative and Informational Influence When Decision-Making in Groups.* Poster session at Western Psychological Association in Reno, NV.

CAMPUS INVOLVEMENT

- 2014-2016 Member**
 Psi Chi National Honor Society in Psychology
 University of California, San Diego
- 2014-2015 Member**
 Honors Program – Department of Psychology
 University of California, San Diego
- 2013 Athlete**
 Women's Badminton Team
 San Diego Mesa College
- 2012-2013 Member**
 Honors Club
 San Diego Mesa College
- 2012-2013 Community Service Coordinator, Chapter Delegate and Inter-Club Counsel Representative**
 Psi Beta National Honor Society in Psychology
 San Diego Mesa College
Responsibilities: Outreach and organization of community service activities, one of main contact and leaders of National Research and Heroic Imagination Projects for the chapter, responsible for representing club at weekly meetings with Inter-Club Council and keeping chapter informed of campus activities, main contact with national headquarters.

GRANTS, HONORS, AWARDS & SCHOLARSHIPS

- 2014-2015** Honors Courses- Psyc 110: Junior Honors Research Seminar, Psyc 111A: Advanced Statistics and Research Methods, Psyc 111B: Advanced Statistics and Research Methods, Psyc 194A, B, C: Two year program with year-long independent research project under the mentorship of a faculty advisor. Research culminated in a thesis and poster presentation in the final quarter.
- 2013 Spring** Awarded 3rd place in American Psychological Association Student Presentation Contest- [PT@CC](#)
- 2012-2013** Women's Badminton team awarded highest GPA at S.D. Mesa College
Dean's List 4.0 GPA- San Diego Community College District
Psi Beta awarded Club of the Year at S.D. Mesa College
- 2012 Fall** Honors Course- PSYC 166: Social Psychology
- 2012 Spring** Honors Book Club Scholarship Awardee- San Diego Mesa College
Honors Course- PSYC 211: Psychology/Learning
Honors Course- BLAS 140A: History U.S./Black Perspective
Dean's List 4.0 GPA- San Diego Community College District

VOLUNTEER & COMMUNITY SERVICE

- 2013-2014** **Infant Vision Lab**
University of California, San Diego
Testing vision in infants, recruiting subjects, general lab duties
- 2013** **Heroic Imagination Project**
In partnership with Psi Beta and Dr. Phillip Zimbardo
Presenting workshops to high school, college students, and adults; teaching bystander apathy and the importance of being a hero in society.
- 2013** **STEM (Science, Technology, Engineering, Mathematics)**
San Diego State University
Presented the science of psychology, neurology, and human behavior to groups of students from grade school to initiate interest in fields of science.
- 2011-2013** **Disability Support Programs and Services**
San Diego Mesa College
Note-taker, tutor and general support for students with disabilities.

PROFESSIONAL AFFILIATIONS

- 2016-Present** Muir College Stewart Society
- 2014-Present** Psi Chi National Honor Society in Psychology
- 2014-2015** Student Member of American Psychological Association
- 2012-Present** Student Member of Western Psychological Association
- 2012-Present** Psi Beta National Honor Society in Psychology for Community Colleges
- 2011-2013** San Diego Zoological Society

TRAINING/CERTIFICATES

- 2018** **Stericycle**
Bloodborne Pathogens Training, OSHA compatible
- 2017** **National Institute of Health (NIH) CDM Module**
Clinical Data Management Module in the Clinical Trial Orientation.
- 2016** **National Institute of Health (NIH) Office of Extramural Research**
Web-based training course on "Protecting Human Research Participants"
- 2016** **Software Carpentry Workshop**
The Unix Shell, Programming in Python, Version Control with Git
- 2013** **Collaborative Institutional Training Initiative (CITI)**
Completed training in Social and Behavioral Responsible Conduct of Research, RCR