

EXECUTIVE SUMMARY

A **clinical research specialist** with 3 years of experience in both clinical and academic medicine. A collaborative professional who specializes in leading study teams, managing compliance for clinical trials, and data science for healthcare applications.

FUNCTIONAL EXPERTISE

- Study Documentation and Compliance
- Leadership in a Clinical Research Environment
- Data Science
- Research Design
- Presentation of Research Findings
- Academic Medicine

FUNCTIONAL EXPERTISE DEMONSTRATED

THE EAZL HOSPITAL (DEPARTMENT OF NEUROLOGY)

January 2018 –

Present

The flagship hospital on the Eazl Medical Campus with a staff of ~700 doctors & 3,000 employees.

Researcher

Leads and contributes to teams researching a variety of neurological disorders.

- **Study Documentation and Compliance:** Updates Institutional Review Boards (IRBs) quarterly and drafts applications as needed. Assures that all studies comply with GCP guidelines and eCRF records are maintained.
- **Leadership in a Clinical Research Environment:** Led the concept design for a 5-person team creating an iOS app (Swift) that increases the accuracy of diagnosis in patients with sleep disorders by general practitioners.
- **Research Design:** Regularly develops protocols and procedures and leads study teams. E.g. worked with 63 patients over 2 years to evaluate applications of rapid transcranial magnetic stimulation (TMS) as a treatment for patients with Restless Legs Syndrome.
- **Data Science:** Practices healthcare applications of data science to manage and leverage large healthcare datasets. E.g. codes MATLAB and MS Excel scripts to automate analyses and reduce time costs by 2000%.
- **Presentation of Research Findings:** Presented sleep research findings to the American Academy of Neurology in San Francisco (2017) and the World Annual Sleep Meeting in Beijing (forthcoming in 2018).

EAZL UNIVERSITY

October 2016 –

Present

The private university with ~23,000 students well-known for excellence in science, medicine, and engineering.

Chief of Program (October 2012 – Present)

Leads the day-to-day activities for the Neurology Medical Tutorial, a pre-doctoral program for undergraduates.

- **Leadership in a Clinical Research Environment:** Coordinates and mentors 15 undergraduates participating in clinical, research, and educational projects. Regularly writes and reviews IRB applications for ongoing studies in clinical research, medical education, and patient analytics and evaluates medical literature reviews.
- **Academic Medicine:** Regularly drafts, edits, and publishes research findings for the medical community. E.g. wrote a textbook chapter on neurological disorders for a non-specialist audience in 2016.

Committee Member (October 2014 – May 2016)

Member of the 12-person committee that reviews all curriculum changes within the Eazl School of Arts and Sciences.

- **Academic Medicine:** Participates in semimonthly meetings with deans and faculty to evaluate school-wide policy changes related to additional degree programs, graduation requirements, and honors policies.

EAZL UNIVERSITY (SCHOOL OF MEDICINE)
2014

August 2013 – May

A research lab led by Dr. Sam Singleman with ~30 scientists performing research on sleep patterns.

Research Assistant

Performed a variety of quantitative, qualitative, and subjective lab procedures.

- **Data Science:** Coded a script that optimizes image analysis and processing, ultimately reducing image processing times by 4000%.

EDUCATION

Master of Health Science. Eazl School of Public Health (San Francisco, CA)

- Overall GPA: 4.0/4.0
- *Expected Graduation in May 2018*

Bachelor of Arts (Double Major: Neuroscience & Psychology). Harvard University (Cambridge, MA)

- Dean's List

VOLUNTEERISM & INTERNSHIPS

Youth Outreach Petaluma – Volunteer Tutor: Mentored 3 students pursuing their GEDs. (2017 - 2018)

Oakland Neurology Clinic – Clinical Intern: Performed 1 on 1 work with ~600 patients over 10 weeks to evaluate cognitive skills and memory balance. (2016)

Building Tomorrow at Eazl – Founding Member: Successfully raised \$2000 to build a school in Sub-Saharan Africa. (2014-2015)

PUBLICATIONS & POSTERS

- **Setty M**, Matas RE, Brooks CJ, Jones RP. Publication Title Redacted. Poster to be presented at: World Annual Sleep Meeting; 2015 March 23; Seoul, South Korea
- Sammy P, Jones RE, **Setty M**, Smith CE. Publication Title Redacted. In Press.
- Kimler A, Jones RE, Greenwood P, **Setty M**, Johnson M, Chris NAJ, Basker PB, Wordle CJ, James RP, Etsy RA. Publication Title Redacted. In Press.
- **Setty M**, Genie CE, Kaloo A, Smith RE Publication Title Redacted. American Neurological Review, 2017;8(2):67–74
- Jones RE, **Setty M**, Krug T, Mallory R. Publication Title Redacted. Poster presented at: South Korean Academy of Neurology Annual Meeting; 2017 April 30; Seoul, Korea

OTHER RELEVANT INFORMATION

Languages: French (Advanced), Spanish (Intermediate)

Data Analysis Software: MS Excel (Advanced: Macros, Pivot Tables), MATLAB, C++, SPSS, SQL