

Jude McCanne L. Sanchez

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EDUCATION

Seton Hall University, South Orange, New Jersey

Bachelor of Science in Biology, September 2011 – May 2015

Montclair State University, Montclair, New Jersey

Post-baccalaureate studies in Exercise Science, September 2015 – May 2016

Columbia University, New York City, New York

Certification in Full Stack Web Development, October 2020 – Present

WORK EXPERIENCE

Certified Red Cross Lifeguard

Town of Secaucus, Secaucus Recreation Center, September 2015 – October 2016

Physical Therapy Aide

Maywood Physical Therapy & Rehab Center, October 2015 – November 2016

ASCA Certified USA Swimming Coach

Ace Aquatics / NJ Swimming Group, February 2018 – Present

Certified Swim Instructor / Lifeguard / Swim Coach

Hackensack UMC Fitness & Wellness Center, January 2018 – Present

RESEARCH EXPERIENCE

Seton Hall University, South Orange, New Jersey, September 2013-May 2014

Undergraduate Researcher

- Evaluated and tested the stress response of algae and cyanobacteria against heavy metals under the direction of Associate Professor of Microbiology

LABORATORY SKILLS

Cell and Tissue Culture

DNA and RNA isolation

Turbidity Study

Cytological Technique

Polymerase Chain Reaction

Basic Microscopy

Sterilization/Aseptic Technique

Hemocytometer Counting

VOLUNTEER EXPERIENCE

Seton Hall University, South Orange, New Jersey, September 2014 – May 2015

Permaculture Design - Team Member

- Collaborated with a team of 12 students and faculty to help create and maintain a campus garden.

Child Life Volunteer

- Assists in the pediatric department, work & play with young patients to calm them down before checkups.
- Mt. Sinai Hospital, New York City, New York, September 2015 – October 2016

MEMBERSHIPS

American Society for Microbiology, Student member, October 2014 – May 2016

Permaculture Design, Student member, September 2015 – May 2016

UniPro, (Pilipino American Unity for Progress), September 2013 - present

Philippine National Swim Team, June 2017 – present

SKILLS

Computer: Microsoft Office, Word, Excel, PowerPoint **Scientific/Research:** FlowJo

PUBLICATIONS

Sanchez, J, Cortese, J, Singh, A, & Chu, T. “Physiological Response of Chlamydomonas to Nickel Chloride.”
submitted to *In Vivo*, Volume 35, Issue 2, Page 72.

ACADEMIC AWARDS

Philippine Graduate Award (Kalayaan Hall, New York City), June 2015

ATHLETIC AWARDS

Most Valuable Player Award, Don Bosco Prep Men’s Swimming (Ramsey, New Jersey), March 2011

The 2018 Filipino-American Athlete of the Year Award (Kalayaan Hall, New York City), August 2018