

TANYA TAVASSOLIE

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EDUCATION

Franklin & Marshall College

Bachelor of Arts Candidate

Major: Biological Foundations of Behavior, Neuroscience

Lancaster, PA

May 2011

RESEARCH

F&M Independent Research Project

Independent Research 490

Lancaster, PA

September 2010-May 2011

- Independent research with advisor on stress response as a function of developmental stage and enrichment in rats
- Will analyze statistical data independently, strong analytical skills needed
- Methods developed independently with the help of advisor

F&M Hackman Scholars Program

Research Scholar

Lancaster, PA

Summer 2010

- Worked independently to assess stress associated with thermoregulation in tree swallow chicks and as part of a group with a Biology professor to learn about the life-history trade-offs of tree swallows
- Worked individually with Psychology professor in lab to compare lab and field extraction methods for progesterone in wild giraffe
- Prepared poster for research fair and performed statistical analyses using SPSS
- Maintained meticulous excel spreadsheet calculating large quantities of data

Johns Hopkins University

Research Trainee, Otolaryngology

Summer 2009

- Used computerized tomography (CT) scan to measure bone dehiscence for Superior Canal Dehiscence Syndrome with an Otolaryngologist at JHU
 - Worked independently and as part of a team to write paper to be published in Winter 2011
 - Presented quantitative and qualitative data in graphs and tables
 - Used SPSS and Excel to convey clearly and concisely the information from the study
 - Independently prepared poster for conference
 - Worked with confidential patient information in highly secured environments
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PRESENTATIONS AND PUBLICATIONS

Association for Research in Otolaryngology

- Poster presentation at conference

Anaheim, CA

February 2010

- Paper to be published Winter 2011

International Society for Wildlife Endocrinologists

- Presentation on research about progesterone in wild giraffe

Cincinnati, OH

November 2010

School Specialty, Literacy and Intervention

- White paper on mathematics intervention program to be published Spring 2011

City of Cambridge, MA

January 2011

EXPERIENCE

Biology Department Student Worker

Student Lab Worker

Lancaster, PA

September 2010-May 2011

- Independently performed data analysis using Mathematica used in longitudinal tree swallow study
- Individual instruction from professor and expected to be completed during individually planned hours

Honorary Degree Committee

Student Committee Member

Lancaster, PA

September 2009-May 2011

- Committee of faculty and students to determine commencement speaker and honorary degree recipients for Commencement 2010 and 2011
- Worked as a group to consolidate many nominations and requests
- Research on nominees to arrive at consensus for speaker and degree recipients

F&M Brooks College House Congress

Lancaster, PA

Congress Representative

September 2007-May 2011

- Worked on a team to plan events for entire student body and members of the House to create healthy social environment enjoyable for students and faculty
- Collectively brainstormed for new common room addition to the House building to increase sustainability of the construction and promote sustainable awareness among the F&M administration, collaborated on ideas from students to create a comfortable and relaxing common room addition
- Organized two “Brooks Buddies” events: outreach program for 3rd-5th graders from two local Lancaster City public elementary schools for a day of athletic activities to promote healthy living for children

F&M Brooks College House Congress

Lancaster, PA

Secretary/Treasurer

September 2008-May 2009

- Individually managed \$15,000 budget for Brooks College House, kept clear records of all money spent and earned by Congress in order to remain in budget throughout the year
- Necessary group work with entire congress and executive board to maintain order and reach consensus about decisions and events planned
- Held accountable for organized and detailed notes during every meeting, documented voting results and team commitments/decisions
- Built rapport with various constituencies (students and faculty) in different settings to gain community support and group involvement

Lancaster General Hospital Resident Preceptorship Program

Lancaster, PA

Student Shadow

September 2008-May 2009

- Shadowed family medicine residents during morning rounds and gained a better understanding of resident life and hospital setting
- Observed patient-doctor interactions in rural clinics and city hospitals
- Necessary communication with residents and doctors gave an insightful eye on the stress and environmental issues dealt with on daily basis in hospitals

CONFERENCES ATTENDED

Animal Behavior Society Conference

Williamsburg, VA

College Student Member

July 2010

- Attended to gain a better understanding of animal behavior research and current studies
- Helped initiate Independent Research 490 for 2010-2011 academic year