

# T. HOWELL BURKE

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## OBJECTIVE

To prepare for a career as a physician and officer in the U.S. Navy at a top medical school.

## EDUCATION

TUFTS UNIVERSITY, Medford, Massachusetts

*Post-baccalaureate Premedical Student*

*August 2013 – Present*

- Completed over 100 hours of clinical observation of emergency medicine, primary care, and surgery at Lawrence Memorial Hospital, Lahey Hospital, and the Cherokee Indian Hospital Authority.

DAVIDSON COLLEGE, Davidson, North Carolina

*Undergraduate Student*

*August 2005 – May 2009*

- Bachelor of Science in Biology (major GPA 3.55), with a minor in Anthropology.
- *Beta Beta Beta* Biological Honors Society. Davidson Circle of *Omicron Delta Kappa* Honors Society.

DAVIDSON COLLEGE ORNITHOLOGY LAB, Davidson, North Carolina

*Behavioral Ecology Researcher*

*January 2006 – May 2009*

- Employed leg banding, Passive Integrated Transponders, and experimental manipulation of nesting boxes to study the spatial and behavioral ecology of passerine and raptor populations.
- Co-authored “Nest site competition between cavity-nesting birds and wasps” (*Journal of Avian Biology*) and “Cavity depth, not experience, determines nest height in Eastern Bluebirds” (*Wilson Journal of Ornithology*).

## PROFESSIONAL EXPERIENCE

LAWRENCE MEMORIAL & MELROSE-WAKEFIELD HOSPITALS, Medford & Melrose, Massachusetts

*Medical Scribe*

*July 2014 – Present*

- Accompany PA or MD during patient consultations to document chief complaint, history of present illness, review of systems, physical exam findings, and department course into Electronic Health Record.

LAHEY HOSPITAL & HEALTH CENTER, Burlington, Massachusetts

*Teamwork & Code Response Analyst*

*September 2014 – Present*

- Analyzing the effectiveness of TeamSTEPPS training on team performance and perceptions among groups of Tufts medical students and Salem State nursing students.
- Designing and conducting a gap analysis of the Code Blue response in a simulated environment.

UNITED STATES PEACE CORPS, Lethakaneng, North West Province, South Africa

*Education Resource Specialist*

*July 2011 – July 2013*

- Collaborated with community math and science teachers to plan and deliver practical and experiential lessons and improve student reading strategies.
- Employed team-based learning to develop understandings of mathematical concepts while reinforcing basic skills in arithmetic and literacy in mixed-age classes of 30–90 students.
- Formed, staffed, and trained a student-directed Scout Troop. Program served as a platform for teaching backcountry skills, developing leadership, and promoting positive decision-making among youth.

SPARTANBURG DAY SCHOOL, Spartanburg, South Carolina

*Middle School Science Instructor*

*August 2009 – June 2011*

- Designed and implemented a lab-based grade 6 science curriculum that synthesized students’ understanding of fundamental concepts in physical science towards comprehensive understandings of Earth science.
- Designed and implemented a grade 7 life science curriculum that facilitated discussions of cell biology, anatomy, taxonomy, and ecology through a year-long series of dissections and microscope labs.

DAVIDSON OUTDOORS, DAVIDSON COLLEGE, Davidson, North Carolina

*President & Senior Instructor*

*March 2006 – May 2009*

- Planned and guided 2- to 8-day whitewater, hiking, and service trips for students of Davidson College.
- Managed a \$32,000 annual budget and \$1,600 in fiscal allocations for new equipment (2007).
- Certified (2008–11) as a Wilderness First Responder, trained to manage medical emergencies in the backcountry.

## OTHER PURSUITS

CANCER FOUNDATION OF SPARTANBURG & CHEROKEE COUNTIES, Spartanburg, South Carolina

*Choreographer & Performing Artist*

*January – April 2011*

- Choreographed and performed a swing dance with a member of city council at Dancing with the Spartanburg Stars. Event raised \$320,000 to assist families in paying cancer-related medical costs.

## INTERESTS & SKILLS

- Scored Advanced High on Setswana Proficiency Interview (2013). Scored 4 on AP German exam (2004).
- Hobbies include contra dancing, cycling, hiking, hunting, photography, playing traditional American fiddle music, and studying natural history. Portfolio at [200norththompsonst.wordpress.com](http://200norththompsonst.wordpress.com).