

# PARIS T. SCARANO

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## EDUCATION

**Michigan State University** | East Lansing, MI  
Master of Arts in Education, *expected completion May 2016*  
Concentration in P-12 School and Postsecondary Leadership  
Current GPA: 4.0

**Drew University** | Madison, NJ  
Bachelor of Arts in Biology, *summa cum laude*, May 2007  
Minor in French  
Major GPA: 4.0 | Cumulative GPA: 3.974

## PROFESSIONAL CERTIFICATIONS

**Michigan State University** | East Lansing, MI  
Graduate Certificate in Teaching and Learning in Postsecondary Education  
- Awarded August 2015  
Certificate GPA: 4.0

**Centenary College** | Hackettstown, NJ  
College Reading and Language Association Level II Certification  
Certified Advanced Professional Tutor  
- Awarded Fall 2009

## PROFESSIONAL and HONOR SOCIETY MEMBERSHIPS

Association for Biology Laboratory Education (ABLE)  
Phi Beta Kappa  
Beta Beta Beta Biological Honor Society  
Pi Delta Phi French Honor Society  
The National Dean's List

## TEACHING EXPERIENCE

**Lecturer of Biology, First-Year Laboratory Instructor** | August 2009 – Present  
Biology Department | Drew University | Madison, NJ

- Instruct laboratory for the introductory biology sequence
  - BIOL 150: Ecology and Evolution (Fall 2009 – present)
  - BIOL 160: Diversity of Life (Spring 2010 – present)
- Develop laboratory exercises and assessments, modify existing lab exercises, prepare the student lab manual and other instructional materials, hire and supervise undergraduate teaching assistants, evaluate nearly 100 students per semester
- Assist with curricular development, volunteer at University admissions events, supervise a student organization, serve as academic advisor to undergraduate Biology majors, and provide other service to department, including search committee membership
- Instructed laboratory for BIOL 254: Anatomy and Physiology (Spring 2010 and 2011)

**Biology Laboratory Instructor** | Every July, 2010 – Present

New Jersey Governor's School in the Sciences | Drew University | Madison, NJ

- Instruct gifted high school students in laboratory activities designed to examine vertebrate structure and function
- Responsible for developing or selecting lab activities, determining assessment measures, preparing instructional materials, and assessing and evaluating student performance
- Served as a faculty evaluator of student applications for the summer 2012 session

**Professional Tutor** | October 2007 – May 2013

Centenary College | Hackettstown, NJ

- Provided academic assistance through individual sessions to undergraduate students in Biology, general Chemistry and related science courses
- Guided student development of skills and study strategies necessary to become independent learners
- Attained Level II CRLA rank of Certified Advanced Tutor

**RESEARCH EXPERIENCE**

**Shorebird Field Technician** | April – June 2012

New Jersey Audubon | Cape May Bird Observatory | Cape May Court House, NJ

- Contributed to NJ Audubon's ongoing study of shorebird migration through the Delaware Bay
- Responsibilities included extensive operation of mist nets and woosh nets, safely extracting birds from nets, collecting blood samples and fitting coded leg flags to nearly 1500 individuals of the target species; all duties were carried out in close cooperation with a team

**Banding Technician** | April – May 2011

Fordham University | Bronx, NY

- Member of the field crew for a Fordham University PhD candidate investigating stress hormone levels in songbirds at urban migration stopover sites
- Banded and collected blood samples from songbirds, safely operated mist nets

**Field Technician** | May – August 2009

Pennsylvania State University | State College, PA

- Member of the field crew for a Penn State PhD candidate studying habitat manipulation and its effects on grassland sparrow populations
- Conducted nest searches and monitoring, passive and active mist netting, and banding of target species in cooperation with a team, carried out vegetation and Bowden re-sight surveys

**Science Intern** | April – October 2008

New Jersey Chapter of The Nature Conservancy | Chester, NJ

- Performed GPS mapping of common invasive plant species throughout several TNC preserves in North Jersey
  - Prepared maps displaying collected GPS data using ArcGIS
- With a team, conducted deer-browse impact surveys at TNC preserves and forest health surveys throughout northern NJ; participated in early summer frog call surveys
- Created a set of invasive plant ID cards and several invasive plant fact sheets for internal use at TNC

## **Independent Research Project** | September 2006 – May 2007

Drew University | Madison, NJ

- Independent study during final year at Drew University (BIOL 196: Independent Research in Biology)
- Devised an experiment to examine food color preferences and the impact of ultraviolet sensitive vision on three common songbirds of NJ
- Collected data throughout the academic year; data collection used *ad libitum* and scan sampling methods
- Performed statistical analysis of results and completed scientific poster and paper

## **Sea Turtle Conservation and Research Program Intern** | June – July 2006

Mote Marine Laboratory | Sarasota, FL

- Monitored and documented sea turtle nesting activity, excavated hatched turtle nests, demonstrated proper handling and treatment of hatchlings, participated in tagging efforts and operated ATVs in beach terrain, assisted with medical examinations for aquarium exhibit turtles, fed aquarium turtles, trained program volunteers to document nesting

## **PRESENTATIONS**

### **Tri-Beta National Biological Honor Society Regional Conference** | Spring 2007

Elizabethtown College | Elizabethtown, PA

Poster presentation for independent study titled, “Food color preferences and ultraviolet sensitivity of the Black-capped chickadee (*Poecile atricapilla*), Tufted titmouse (*Baeolophus bicolor*), and White-breasted nuthatch (*Sitta carolinensis*) in northern New Jersey.”

### **Biology Research Symposium** | Fall 2006 and Spring 2007

Drew University | Madison, NJ

Oral presentation for fellow research students and Biology Department faculty titled, “Food color preferences and ultraviolet sensitivity of the Black-capped chickadee (*Poecile atricapilla*), Tufted titmouse (*Baeolophus bicolor*), and White-breasted nuthatch (*Sitta carolinensis*) in northern New Jersey.”

## **ADDITIONAL HONORS AND AWARDS**

### **Drew University**

Dean’s List Award for Eight Semesters

### **Drew University Biology Department**

Stanley Baker Scholarship for field research in biology, 2006 – 2007

### **Drew University Merit Scholarships**

Drew Recognition Award, 2003 – 2007

Dogwood Scholarship, 2005 – 2006

David and Pauline Bodle Scholarship, 2003 – 2004

Bentley Scholarship, 2003 – 2004

## **TECHNOLOGY SKILLS**

### **Learning Management Systems:**

Moodle, D2L, Blackboard

**Applications for Instruction, Productivity, and Data Analysis:**

Google Drive

Google Docs, Sheets, Slides, Forms

Microsoft Office (Mac or PC), including Excel and Publisher

Pages, Numbers

Basic SPSS

**Research Applications:**

Basic SPSS, some knowledge of Microsoft Access and ArcGIS

**Web Design:**

Weebly, Google Sites, Wix

**Communication:**

Audacity (audio editing)

iMovie (video editing)

Skype, Google Hangout

Facebook, Instagram, Pinterest

*Proficient in the use of both Windows and OSX platforms*