

# Sarah Davis

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## EXPERIENCE: Indiana University Biology Department, Bloomington, IN

### **Research Associate- Hurley Lab**

*October 2017- Present*

- Work independently and with a team to plan, implement, troubleshoot, and complete project goals
- Train students on laboratory procedures
- Supervise undergraduate researchers in analysis projects
- Assist with lab management duties

### **Ivy Tech, Bloomington, IN**

#### **Adjunct Professor- Intro to Molecular and Cellular Biology**

*Fall 2018- Spring 2019*

- Structure lecture and lab time to complete course objectives
- Evaluate assignments and provide constructive feedback
- Connect with students to encourage success in the course

### **IUPUI Department of Cellular and Integrative Physiology, Indianapolis, IN**

#### **Laboratory Technician- Sturek Lab**

*May 2016- September 2017*

- Worked with a range of faculty, PhD students, and lab techs in a multifaceted lab assisting with *in vivo* and *in vitro* procedures, data collection, experiments, analysis, and laboratory tasks
- Trained rotating students on individual projects
- Analyzed data and presented results

### **IU Center for Survey Research**

#### **Telephone interviewer**

*February 2016-May 2016*

- Recruited, screened, and persuaded potential subjects to participate in a research study

### **Royal National Orthopedic Hospital, Stanmore, UK**

#### **MSc Laboratory Placement**

*November 2014- September-2015*

- MSC PROJECT: *In vitro* assessment of the cytotoxicity of platinum and ceramic thick-film micro-electrode arrays for use as neural implant devices
- [http://www.frontiersin.org/10.3389/conf.FBIOE.2016.01.01804/event\\_abstract](http://www.frontiersin.org/10.3389/conf.FBIOE.2016.01.01804/event_abstract)

### **Southport High School, Southport, IN**

#### **Color Guard Instructor**

*November 2010- August 2014 & August 2016-March 2017*

- Collaborated and communicated with band and color guard staff to choreograph and teach routines
- Helped bring team up two competitive classes after 1 year and performed in state finals

### **University Hospital**

#### **Guest Relations Associate**

*August 2013- August 2014*

- Manned the front desk overnight to welcome and assist patients and visitors to the hospital
- Assisted in data entry overnight and restocked the desk for morning

## EDUCATION: University College London, London, UK

*Master of Science (1 Year Program)*

*Program: Neuroscience*

**Indiana University, Bloomington**

*Bachelor of Science*

*Major: Human Biology with concentration in Human Health and Disease*

*Minors: Psychology, Spanish, and Dance*

**SKILLS: Laboratory:** 2yr. 10 mo. laboratory professional & 10 mo. laboratory student research experience

Data Analysis, IHC, Microscopy, Animal behavior, Aseptic technique, Cell culture techniques

**Computer:** Image J; Microsoft Office; Graph Pad Prism; Photoshop; SPSS

**Communication:** Telephone interviews, teaching, and customer service positions