

## Charlotte Till

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### EDUCATION

In Progress:	PhD Anthropology	Arizona State University, Tempe, AZ, USA
Completed: 2015	M.A. Anthropology	Arizona State University, Tempe, AZ, USA
Completed: 2012	BSc(Hons), Genetics	University of Otago, Dunedin, New Zealand
Completed: 2012	BA(Hons), Anthropology	University of Otago, Dunedin, New Zealand

PhD Committee, Arizona State University:  
Dr Shauna BurnSilver (Chair), Dr Takeyuki (Gaku) Tsuda, Dr Dave White

### PRIMARY RESEARCH FOCUS

**Human Migration** – What factors go into a migration decision, how are these evaluated, and movement durations planned? Special interests: Domestic Migration & Migration Decision Making.  
**Environmental Perception** – What do those living in areas that have been identified as risky actually think of the environment in which they are living? What is the emic understanding of ‘environment’?

### GRANTS, AWARDS & HONOURS

2019: NSF DDRIG Cultural Anthropology (\$18,000)  
2019: Explorers Club - Mamont Scholar Grant (\$3,000 awarded – \$1,500 accepted)  
2018: Sigma-Xi Grants in Aid of Research Award (\$500)  
2018: AAAS Poster Winner – Social Sciences Category  
2017: SHESC Graduate Research Award (\$3,000)  
2017: CLAS Graduate Excellence Award  
2016: ASTRO Summer Research at Oak Ridge National Laboratory in Tennessee  
2015: CLAS Graduate Excellence Award  
2014: HERE Summer Internship at Oak Ridge National Laboratory in Tennessee  
2014: CLAS Graduate Excellence Award  
2013: Fulbright Science and Innovation Graduate Award to study at graduate level in the US.

### PEER REVIEWED PUBLICATIONS

- 2018 **Charlotte Till**, Jamie Haverkamp, Devin White, & Budhendra Bhaduri. Understanding Climate-Induced Migration through Computational Modeling: A Critical Overview with Guidance for Future Efforts. (2018). *The Journal of Defense Modeling and Simulation: Applications, Methodology, Technology*. Vol. 15. Issue 4, p.415-435
- 2017 Nicolas Rawlence, **Charlotte Till**, Luke Easton, Hamish Spencer, Rob Schuckard, David Melville, Paul Scofield, Alan Tennyson, Matt Rayner, Jonathan Waters, & Marytn Kennedy. Speciation, range contraction and extinction in the endemic New Zealand King Shag complex. (2017). *Molecular Phylogenetics and Evolution*. Vol. 115. p197-209
- 2015 Nicolas Rawlence, Martyn Kennedy, Christian Anderson, Stefan Prost, **Charlotte Till**, Ian Smith, Paul Scofield, Alan Tennyson, Jill Hamel, Chris L alas, Elizabeth Matisoo-Smith, & Jonathan Waters. Geographically contrasting biodiversity reductions in a widespread New Zealand seabird. (2015) *Molecular Ecology*. Vol. 24. Issue 18, p4605-4616

- 2014 Nicolas Rawlence, **Charlotte Till**, Paul Scofield, Alan Tennyson, Catherine Collins, Chris Lalas, Graeme Loh, Elizabeth Matisoo-Smith, Jonathan Waters, Hamish Spencer, & Martyn Kennedy. Strong phylogeographic structure in a sedentary seabird, the Stewart Island Shag (*Leucocarbo chalconotus*). (2014). *PLoS ONE*. Vol. 9, e90769

## RESEARCH EXPERIENCE

- 2019 **Dissertation Research** – Organized and executed six months of independent dissertation field work in Terrebonne Parish, Louisiana, from early April until the end of September: Observation, Rapport Building, Administered Questionnaire, and Semi-Structured Interviews.
- 2017 **Pilot Research** – Undertook independent pilot research in the US Gulf Coast within Alabama, Mississippi, and Louisiana. Implemented anthropological data gathering methods across study communities: participant observation, survey, informal interview.
- 2016 **ASTRO Internship** – Developed independent research skills while exploring the interplay between population movement and education. Refined literature identification skills and explored applications for broad country level data to inform research direction.
- 2014 **HERE Internship** – Learned how to fine-tune research skills after being immersed in a subject area that I had no prior exposure to. Was able to effectively integrate findings into the broader challenges facing the academic field. Incorporated previous research and critiques in order to generate a journal-quality paper directed towards policy makers and high-level stakeholders.
- 2012 **Anthropology Honours** – Focus on archival research and literature interpretation as it related to people’s perceptions of heritage in the wake of the Canterbury earthquakes.
- 2011-2012 **AWC Summer Research** – Used Ancient DNA techniques to sample shag bones from archaeological sites and successfully amplified mitochondrial DNA sequences.
- 2011 **Genetics Honours** – Extracted DNA from modern shag samples, amplified, purified and sequenced this resulting in the first phylogenetic analysis of the Blue-eyed shag complex.
- 2010-2011 **Summer Research, ANU** – Used BAC probes and RNA-FISH protocols to investigate the expression of 10 imprinted genes in Mouse, Human, Tamer Wallaby, Tasmanian Devil and American Opossum cell lines.
- 2004-2013 **Library Experience** – Archival and database skills were fine tuned to aid in locating relevant publications for research purposes. Able to successfully use information requesting tools to locate hard-to-find sources.

## CONFERENCE ACTIVITY

- 2021: At What Point Managed Retreat? Resilience, Relocation, and Climate Justice. Online: Hosted by Columbia Climate School. Attended and Discussion Participation.
- 2021: SfAA Conference. Online. **Recorded Conference Presentation:** To Stay or To Go: What Is ‘The Environment’ and How Does It Impact Movement Decisions within Terrebonne Parish LA
- 2020: Sigma Xi Virtual Annual Meeting & Student Research Conference – November. **Oral Presentation.** Won 1<sup>st</sup> place in the Graduate Anthropology section
- 2020: Sigma Xi VS3 Symposium - May. Online. **Oral Presentation.** Won 3<sup>rd</sup> place in the Graduate presentation section
- 2020: SfAA – (Cancelled). Oral Presentation was accepted but no presentation occurred
- 2019: AAAS Conference, Washington DC. **Flash-Talk:** Environmental Perceptions and Migration Decisions Within the United States Gulf Coast
- 2018: SfAA Conference, Philadelphia PA. **Poster:** Environmental Perceptions and Their Place Within Migration Decision Frameworks: Analysis from At-Risk Locations Along the US Gulf Coast
- 2018: AAAS Conference, Austin TX. **Poster:** Environmental Perceptions and Their Place Within Migration Decision Frameworks: Analysis from At-Risk Locations Along the US Gulf Coast. *Won best poster presentation in the Social Sciences category.*
- 2016: Attended AAAS Conference, Washington DC.
- 2015: Winter Simulation Conference (WSC), Long Beach California. **Poster:** Understanding Climate-Induced Migration through Computational Modeling: A Critical Overview with Guidance for Future Efforts

- 2015: Conference on Complex Systems (CCS'15) Tempe Arizona. **Oral Presentation** detailing my in prep publication: Understanding Climate-Induced Migration through Computational Modeling
- 2015: National Geospatial-Intelligence Agency IC Academic Research Symposium. Washington DC. **Oral Presentation** of Migration Research Tied to Research Process Considerations
- 2014: National Geospatial-Intelligence Agency Academic Research Program Symposium and Workshop. Washington DC. **Oral Presentation** of work resulting from HERE internship.

## TEACHING EXPERIENCE

- 2021: Teaching Assistant, ASU – ASB 355 Traditional Medicine and Healing
- 2020: Teaching Assistant, ASU – ASB 210 Human Sexuality: Anthropological Perspective (*Online*)
- 2020: Teaching Assistant, ASU – ASB 102 Intro to Cultural Anthropology (*Online*)
- 2020: Invited Lecture, ASU – GCU 515 Human Migration
- 2020: Teaching Assistant, ASU – ASB 300 Food and Culture (*Online*)
- 2020: Teaching Assistant, ASU – ASB 210 Human Sexuality: Anthropological Perspective (*Online*)
- 2019: Teaching Assistant, ASU – ASB 102 Intro to Cultural Anthropology (*Online*)
- 2019: Teaching Assistant, ASU – ASB 305 Poverty and Global Health (*Online*)
- 2018: Teaching Assistant, ASU – ASB 300 Food and Culture (*Online*)
- 2018: Invited Lecture, ASU – GCU 515 Human Migration
- 2018: Teaching Assistant, ASU – ASB 102 Intro to Cultural Anthropology (*Online*)
- 2017: Teaching Assistant, ASU – ASB 462 Medical Anthropology (*Online*)
- 2017: Teaching Assistant, ASU – ASB 301 Global History of Health (*Online*)
- 2017: Teaching Assistant, ASU – ASB 380 Language, Culture, & Gender (*Online*)
- 2016: Teaching Assistant, ASU – ASB 380 Language, Culture, & Gender
- 2016: Invited Lecture, ASU – GCU 515 Human Migration
- 2016: Course and lecture development for new course investigating Food Ethics and Biotechnology
- 2015: Teaching Assistant, ASU – ASB/SOS 272 Environmental Justice
- 2009: Statistics Tutor, Undergraduate - University of Otago
- 2008: Anthropology Tutor, Undergraduate - Aquinas College, University of Otago.

## PROFESSIONAL MEMBERSHIPS

- American Association for the Advancement of Science (AAAS)
- Society for Applied Anthropology (SfAA)
- Sigma Xi: The Scientific Research Honor Society
- Fulbright Alumni Chapter

## SERVICE

### University Level

- 2021: Sigma Xi Student Research Showcase Planning Committee Member
- 2017-2018: Secretary – Fulbright International Students Association at ASU
- 2016-2017: President – Fulbright International Students Association at ASU
- 2015-2016: Vice President – Fulbright International Students Association at ASU

### Community Level

- 2021: Skype a Scientist –School Science Engagement: Fall: Paired with two 1<sup>st</sup> and one 4<sup>th</sup> grade  
Spring: Paired with two 5<sup>th</sup> and one 8<sup>th</sup> grade
- 2020: Skype a Scientist – Highschool Science Engagement – Two guest lectures with 9<sup>th</sup> grade classes
- 2018: Panel Member – RealTimeSTEAM. Three panels for Phoenix Comic Fest (formerly Comicon)
- 2017: Science Fair Judge – Grades 4-8 Montessori Academy, Paradise Valley, Phoenix