

Talia Young

Department of Environmental Studies
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EDUCATION

- Rutgers University**, New Brunswick, NJ 2010-2016
Ph.D. in Ecology & Evolution. Dissertation title: [*You are more than what you eat: Using biomarkers to investigate aquatic trophic relationships at multiple scales*](#)
Advisor: Olaf Jensen. Committee members: Ken Able, Bonnie McCay, Peter Morin, Mary Beth Decker.
- University of Pennsylvania**, Philadelphia, PA 2004-2007
Teacher certification in secondary-level Biology (PA)
- Swarthmore College**, Swarthmore, PA 1997-2001
Bachelor of Arts in Biology

PROFESSIONAL EXPERIENCE

- Visiting Assistant Professor** 2020-present
Department of Environmental Studies, *Haverford College*, Haverford, PA
Courses: Intro to Env Studies, Intro to Fisheries Sci, Black/Asian Foodways, Fish & Community
- Postdoctoral Associate**, Department of Geography, *Rutgers University*, Piscataway, NJ 2019-2020
Advisor: Kevin St. Martin
- David H. Smith Conservation Postdoctoral Fellow** 2016-2019
Department of Ecology & Evolutionary Biology, *Princeton University*, Princeton, NJ
Advisor: Simon Levin
- Science Teacher, Curriculum and Assessment Developer** 2006-2010
Mastery Charter School, Philadelphia, PA. Courses taught: Physical Science, Biology, AP Biology.
- Youth Program Director**, *Woodrock, Inc.*, Philadelphia, PA 2003-2006
- Neighborhood Planning Coordinator**, *Norris Square Civic Association*, Philadelphia, PA 2001-2003

OTHER PROGRAM DEVELOPMENT AND MENTORSHIP EXPERIENCE

- Founder and Director**, *Fishadelphia*, Philadelphia, PA (<https://www.fishadelphia.com>) 2017-present
Develop/coordinate innovative student-oriented business to sell fresh affordable seafood from NJ to diverse customers. Organize events to connect fishing communities with urban eating communities.
Raise money to support operating costs.
- Founding team member**, *Plant Love Stories* (<https://www.plantlovestories.com>) 2018-present
Develop and maintain web site to highlight stories demonstrating importance of plants in our lives.
- Program Developer and Teacher**
Fisheries & Calculus Mini-Course, *Mastery Charter School*, Philadelphia, PA 2016
Developed/taught/evaluated 6-week course on math in fisheries science, including modeling in R.
- Advanced Ecology Program*, *Mastery Charter School*, Philadelphia, PA 2011-12
Sea Nettle Ecology Program, *Marine Academy of Technology and Environmental Science*, Manahawkin, NJ 2012-13
Developed/taught high school programs to expose underrepresented minorities to research science.
- Intern Supervisor**, *NSF REU, Rutgers Marine Field Station*, Tuckerton, NJ 2011-2013
Supervised undergraduate summer research interns, one of whom won first prize in poster contest.

PEER-REVIEWED PUBLICATIONS

- JS Stoll, HL Harrison, D Callaway, M Collier, K Harrell, B Jones, J Kastlunger, E Kramer, S Kurian, A Lovewell, S Strobel, T Sylvester, B Tolley, A Tomlinson, E White, **T Young**, P Loring. *In review*. Alternative seafood networks during COVID-19: Implications for resilience and sustainability. [Pre-print available here](#).
- MA Nocco, BM McGill, C McDonough McKenzie, RK Tonietto, J Dudney, MC Bletz, **T Young**, S Kuebbing. *In revised version review*. Equity, mentorship, and research productivity during the coronavirus pandemic and beyond.
- M Pinsky, E Fenichel, M Fogarty, S Levin, B McCay, K St Martin, R Selden, **T Young**. 2020. [Fish and fisheries in hot water: what is happening and how do we adapt?](#) *Population Ecology*.
- G Cumming, K Hunter-Thomson, **T Young**. 2020. [Local food 2.0: How do regional, intermediated, food value chains affect stakeholder learning? A case study of a community-supported fishery \(CSF\) program.](#) *Journal of Environmental Studies and Sciences* 10(1):68-82.
- L Rogers, R Griffin, **T Young**, E Fuller, K St Martin, M Pinsky. 2019. [Shifting habitats expose fishing communities to risk under climate change.](#) *Nature Climate Change* 9:512-6.
- C McDonough MacKenzie, S Kuebbing, RS Barak, M Bletz, J Dudney, BM McGill, MA Nocco, **T Young**, RK Tonietto. 2019. [We do not want to “cure plant blindness” we want to grow plant love.](#) *Plants People Planet* 1(2):1-3.
- T Young** & E Fuller, K Coleman, M Provost, K St Martin, M Pinsky. 2019. [Adaptation strategies of coastal fishing communities as species shift poleward.](#) *ICES J Marine Science* 76(1): 93-103
- B Dubik & E Clark, **T Young**, K Coleman, SBJ Zigler, M Provost, M Pinsky, K St Martin. 2019. [Governing fisheries in the face of change: Social responses to long-term geographic shifts in a U.S. fishery.](#) *Marine Policy*. 99:243-51.
- T Young**, J Pincin, P Neubauer, S Ortega-García, OP Jensen. 2018. [Investigating diet patterns of highly mobile marine predators using stomach contents, stable isotope, and fatty acid analyses.](#) *ICES J Marine Science* 75(5): 1583-90.
- P Tsogtsaikhan, B Mendsaikhan, G Jargalmaa, B Ganzorig, B Weidel, CM Filosa, CM Free, **T Young**, OP Jensen. 2017. [Age and growth comparisons of Hovsgol grayling \(*Thymallus nigrescens* Dorogostaisky, 1923\), Baikal grayling \(*T. baicalensis* Dybowski, 1874\), and lenok \(*Brachymystax lenok* Pallas, 1773\), and grayling, *Thymallus spp.*, in lentic and lotic habitats of northern Mongolia.](#) *J Applied Ichthyology* 33(1):108-15.
- T Young**, O Jensen, B Weidel, S Chandra. 2015. [Natural trophic variability in a large, oligotrophic, near-pristine lake.](#) *J Great Lakes Research* 41: 463–472.
- T Young**, S Komarow, L Deegan, R Garritt. 1999. [Population size and summer home range of the green crab, *Carcinus maenas*, in salt marsh tidal creeks.](#) *Biological Bulletin* 197: 297-299.
- S Komarow, **T Young**, L Deegan, R Garritt. 1999. [Influence of marsh flooding on the abundance and growth of *Fundulus heteroclitus* in salt marsh creeks.](#) *Biological Bulletin* 197: 299-300.
- AK Carlson, **T Young**, DI Rubenstein, SA Levin. *In prep*. Boat to bowl: Resilience through network rewiring of a community-supported fishery amid the COVID-19 pandemic.

GRANTS, AWARDS & FELLOWSHIPS

National Oceanic & Atmospheric Administration (NOAA) Fisheries Saltonstall-Kennedy Grant Project: " Fishadelphia: Expanding a successful program connecting NJ seafood harvesters with culturally and economically diverse seafood consumers " (Solo PI)	2020-2022 (\$299,680)
New Jersey Sea Grant Project: "Local catch-of-the-day: Connecting NJ seafood harvesters with culturally and economically diverse customers" (Program Director)	2020-2022 (\$136,897)
United States Department of Agriculture Local Food Promotion Program Grant Project: " Developing and implementing a model for a diverse, urban, school-based community-supported fishery program " (Solo PI)	2016-2019 (\$266,425)
David H. Smith Conservation Postdoctoral Research Fellowship Project: " Conservation implications of community-supported fishery (CSF) programs: A multidisciplinary analysis of ecological, economic and social outcomes " (Solo PI)	2016-present (\$214,353)
Rutgers University - Graduate School of New Brunswick <i>Bevier Dissertation Completion Fellowship</i>	2015-2016 (\$20,000)
Washington Biologists Field Club, Research Award Project: "Using stable isotopes to study trophic dynamics of sea nettles and ctenophores"	2015 (\$2900)
Socio-Ecological Synthesis Center (SESYNC), Graduate Student Pursuit Project: " Shifting fish and shifting fishers: Examining fishing communities' responses to range shifts of marine fish species " (Co-PI)	2014-2015
Rutgers University Marine Field Station, Graduate Funding Award	2012-2014
Union of Concerned Scientists - Ecological Society of America / Student Section <i>EcoService Award</i>	2012
Manasquan River Marlin & Tuna Club, George Burlew Scholarship	2011-2014
National Science Foundation (NSF) Graduate Research Fellowship (GRF)	2010

INVITED ACADEMIC PRESENTATIONS

(*Denotes mentored high school student project)

North American Congress for Conservation Biology 2020, Opening plenary panel " A new paradigm of 'high impact' research: Why conservation science needs to prioritize racial and social justice " [video]	2020
Swarthmore College, Our Food , Swarthmore, PA	2020
Haverford College, Introduction to Environmental Studies , Haverford, PA "Challenges of harvesting food from the sea"	2019, 2020
American Fisheries Society, 148th Annual Meeting , Atlantic City, NJ "Monsters of Climate Science" Workshop: "Fishing communities & climate change"	2018
Swarthmore College, Senior Biology Seminar , Swarthmore, PA	2017
Stockton College, Senior Biology Seminar , Galloway, NJ "Working at the boundaries: Lessons from coastal socio-ecological systems"	2017
Mongolia Ecological Research Symposium , Tuckerton, NJ *"Making connections: Examining trophic relationships in a pristine Mongolian lake with high school students in Philadelphia using stable isotope analysis" (T Young , M Brickle, M Clark, O Handoko, A Huynh, A Nguyen, A Nguyen, A Lam, D Lewis, N Marsico, M Muhammad, S Small, K Wint)	2012

INVITED COMMUNITY PRESENTATIONS

(*Denotes mentored presentation)

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- Slow Fish USA**, *Slow Fish Crew Together webinar* [[video](#)] 2020
- Free Library of Philadelphia**, Philadelphia, PA 2020
**Regional Seafood Workshop at the Free Library Culinary Literacy Center*
- 3rd Local Seafood Summit**, Portland, OR 2019
“Thinking about affordability, access, and equity in local seafood” (Talia Young & Tasha Palacio)
- Princeton Environmental Institute (PEI) Conversation on the Environment, Responsible Energy, and Life (CEREAL)**, *Breakfast discussion*, Princeton, NJ 2018
Presentation title: “Fishadelphia: A innovative community seafood program”
- NOAA General Counsel**, *National Meeting*, Philadelphia, PA 2018
**Presentation title: “Fishadelphia: A innovative community seafood program”*
- Free Library of Philadelphia**, Philadelphia, PA 2018
Workshop: From SNAP to Growing Food for Your Community: Understanding the Farm Bill
Presentation title: “Fishadelphia: Farm Bill funding on the ground” (Talia Young & Tasha Palacio)
- Save Barnegat Bay**, *Annual Meeting*, Toms River, NJ 2014
**Presentation title: “Using local ecological knowledge to describe sea nettle population dynamics in Barnegat Bay, NJ” (M Chang, T Donovan, Q Dunlea, A Grace, C Leahy, M Martin, B Minotti, B Palmer, S Porras, R Whitsitt, Z Zega, T Young)*

CONTRIBUTED ACADEMIC PRESENTATIONS

(*Denotes mentored presentation)

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- Building Inclusive Agricultural Value Chains**, *Online seminar series* 2020
Oral presentation: “A spark can cause a huge fire”: Lessons learned and resources to share from a justice-oriented, youth-centered community seafood program”
(**T Young**, G Cumming, K Hunter-Thomson, A Carlson)
- Community Food Systems**, *Conference 2019*, Savannah, GA 2019
**Oral presentation: “Fishadelphia: A Community Seafood Program”*
(Tasha Palacio, N Minard, **T Young**)
- American Fisheries Society**, *148th Annual Meeting*, Atlantic City, NJ 2018
Oral presentation: “Alternative seafood supply chains as vehicles for mutual learning among stakeholders”
(G Cumming, **T Young**, K Hunter-Thomson, C Norwood)
- Ocean Sciences**, *2016 Meeting*, New Orleans, LA 2016
Oral presentation: “How are fishing patterns and fishing communities responding to climate change?”
(**T Young**, E Fuller, K Coleman, M Provost, K. St Martin, M Pinsky)
- American Fisheries Society - Mid-Atlantic Chapter**, *2015 Annual Meeting*, Cape May, NJ 2015
Poster: “Combining models and interviews shows many factors contribute to sea nettle abundance in Barnegat Bay” (**T Young**, J Vasslides, E Buenaventura, MB Decker)
- American Fisheries Society**, *145th Annual Meeting*, Portland, OR 2015
Oral presentation: “Catch diversity may buffer fishing communities from the effects of climate change”
(**T Young**, E Fuller, K Coleman, M Provost, K St Martin, M Pinsky)
Poster: “Are striped marlin ‘true’ generalists? A three-pronged approach”
(**T Young**, J Pincin, S Ortega-García, P Neubauer, O Jensen)

- Ecological Society of America, 100th Annual Meeting**, Baltimore, MD 2015
Oral presentation: “Individual diet specialization in striped marlin”
 (T Young, J Pincin, S Ortega-García, P Neubauer, O Jensen)
Oral presentation: “Two birds, one stone: Using local ecological knowledge (LEK) to elucidate ecological processes and increase engagement of students in science” (T Young)
- American Fisheries Society, 144th Annual Meeting**, Quebec City, Quebec, Canada 2014
Oral presentation: “Combining local ecological knowledge (LEK) with field surveys to elucidate ecological patterns: a case study of an estuarine jellyfish” (T Young, MB Decker, J Vasslides, M Kaneshiro-Piñeiro)
- American Council for Mongolian Studies, Annual Meeting**, Philadelphia, PA 2014
Poster: “Trophic variability in a simple, pristine lake: What are the implications for studying change in other lakes?” (T Young, B Weidel, S Chandra, O Jensen)
- Ocean Sciences, 2014 Meeting**, Honolulu, HI 2014
Poster: “Trophic variability in a simple, pristine lake: What are the implications for studying change in other lakes?” (T Young, B Weidel, S Chandra, O Jensen)
**Poster:* “Histological analysis of reproductive biology of an estuarine jellyfish (*Chrysaora quinquecirrha*)”
 (J Gezymalla, T Young, J Vasslides, M Kaneshiro-Piñeiro)
- American Fisheries Society - Mid-Atlantic Chapter, 2013 Annual Meeting**, Tuckerton, NJ 2013
**Oral presentation:* “Using local ecological knowledge to describe sea nettle population dynamics in Barnegat Bay, NJ” (M Chang, T Donovan, Q Dunlea, A Grace, S Kuras, C Leahy, M Martin, B Minotti, B Palmer, S Porras, R Whitsitt, Z Zega, T Young)
**Poster:* “LEK vs. USGS: Comparing information from fishermen with government-collected data regarding the range of an invasive species of fish, northern snakehead (*Channa argus*), in the Philadelphia region” (P Bowen, E Chea, D Do, T Dy, O Handoko, K Koing, B Lac, A Lam, Z Lassiter, E Lau, J McKnight, M Nie, H Tang, K Williams, P Yann and T Young)
- Society for Conservation Biology, 26th International Congress**, Baltimore, MD 2013
Poster: “Trophic variability in a simple, pristine lake: What are the implications for studying change in other lakes?” (T Young, B Weidel, S Chandra, O Jensen)
- American Fisheries Society - Mid-Atlantic Chapter, 2012 Annual Meeting**, Wilmington, DE 2012
Oral presentation: “Barnegat Bay: an ideal habitat for sea nettles, *Chrysaora quinquecirrha*”
 (T Young, N Sassano, J Barny, U Howson, J Nickels, S Whitebread, J Vasslides)
- American Fisheries Society, 142nd Annual Meeting**, St. Paul, MN 2012
- Ecological Society of America, 97th Annual Meeting**, Portland, OR 2012
Oral presentation: “Interannual trophic variability in a pristine north temperate lake”
 (T Young, O Jensen, B Weidel, S Chandra)
Oral presentation: “From field trips to Facebook: A low-cost model for conducting ecology outreach with urban minority high school youth” (T Young)

MEDIA COVERAGE

Passyunk Post, "[Fishadelphia: A great catch](#)," by Jeannette Armstrong, 23 Jul 2020.

The Philadelphia Citizen, "[Community cure: As coronavirus upends our lives, community organizers aren't waiting for the government to help us—supporting each other is the only way through](#)," by Katherine Rapin, 24 Mar 2020.

The Philadelphia Inquirer, "[Fishadelphia and Philly high schoolers are making local seafood more accessible](#)," by Jenn Ladd, 18 Feb 2020.

NOAA Fisheries, "[Diversifying New England's seafood marketplace](#)," 3 Jul 2019.

WHYY Movers & Makers, "[The Locals](#)," (television segment, starting at 20:15), 11 Apr 2019.

Anthropocene, "[Forced to follow their catch, fishers are moving north](#)," by Emma Bryce, 8 Mar 2019.

The New Food Economy, "[As warming waters push fish north, fishing communities have little choice but to follow](#)," by Jessica Fu, 28 Feb 2019.

Science Daily, "[Why North Carolinian boats are fishing off New Jersey's coast, and how a CSF might help](#)," 19 Feb 2019.

Princeton University, "[North Carolinian boats are now fishing off New Jersey's coast](#)," by Liz Fuller-Wright, 18 Feb 2019.

Civil Eats, "[High school students run this dock-to-dish sustainable seafood program](#)," by Jenn Hall, 23 Oct 2018.

Swarthmore College Alumni Magazine, "[Casting a wide net](#)," by Kate Campbell, Fall 2018.

Northeast Sustainable Agriculture Working Group, "[Farm Bill Spotlight: Fishadelphia](#)," 11 Jul 2018.

South Philly Review, "[A fishy event](#)," by Tom Beck, 7 Jun 2018.

WHYY Newsworks Tonight, "[Philly's new spot for fresh fish is ... in a school?](#)" (radio segment), by Avi Wolfman-Arent, 12 Feb 2018.

Philly Magazine - Foobooz, "[Fishadelphia is Philly's new sustainable seafood CSA](#)," by Jason Sheehan, 6 Feb 2018.

Princeton Environmental Institute, "[Community-run seafood program, Fishadelphia, links city and shore](#)," 7 Feb 2018

Billy Penn, "[South Philly high school students started a new seafood CSA. 'Fishadelphia' offers biweekly fresh fish deliveries from the Jersey Shore](#)," 6 Feb 2018

Asbury Park Press, "[New fish trade starts between Jersey Shore and South Philly](#)," by Dan Radel, 5 Feb 2018.

Rutgers Today, "[Balancing passions, a Rutgers-trained scientist heads for the future](#)," by Ken Branson, 11 Jul 2016.

OTHER WRITING

T Young, "[Sex ≠ Gender](#)," *PLOS Ecology Community Blog*, 17 Jan 2019

PROFESSIONAL DEVELOPMENT

Designing equitable community-engaged research projects	2019
<i>1-day workshop with Megan Heyza (The Porch Project), Volcanoes, HI</i>	
Group facilitation, 2-day workshop with Julian Griggs (Dovetail Consulting), Santa Barbara, CA	2019
Business Management Principles for Conservation Research,	
<i>1-day workshop with Michael Dombeck and Brett Dickson (Conservation Science Partners), Schoodic, ME</i>	
Bayesian analysis, 1-day workshop with Sean Anderson, Schoodic, ME	2018
Working with the media, 2-day workshop with Intermedia Communications, Annapolis, MD	2018
Diversity, equity, inclusion, and justice, 1-day workshop with Whitney Tome (Raben Group), Baraboo, WI	2017
Storytelling in science, 3-day workshop with Intermedia Communications Training, Baraboo, WI	2017
Data science, 1-day workshop with Sean Anderson, Timberline Lodge, OR	2018
Popular writing, 1-day workshop with The OpEd Project, Timberline Lodge, OR	2017
Leadership development, 3-day workshop with Mo Ryan (Conservation Science Partners), Raquette Lake, NY	2016
Diversity in conservation, 2-day workshop with Yolanda Comedy (AAAS), Boulder, CO	2016
Rutgers Pre-Doctoral Leadership Initiative, 1 semester class in university leadership, New Brunswick, NJ	2013
Ecological modeling with Ecopath and Ecosim	2012
<i>3-day workshop with Vily Christensen (University of British Columbia), Toms River, NJ</i>	

DIVERSITY, EQUITY, AND INCLUSION WORK

Smith Fellowship, Diversity Committee, Co-founder and member	2016-present
Princeton Department of Ecology & Evolutionary Biology, Climate Committee, Member	2017-2019
Society for Conservation Biology, Equity, Inclusion, and Diversity Committee, Member	2014-2016
Rutgers Ecology & Evolution Graduate Program, Diversity Focus Group, Co-founder	2015-2016
Engage broader community in organizational activities, increase diversity in applicant recruitment, support diversity trainings, and ensure that departments/programs are welcoming and supporting to all.	

OTHER SERVICE AND AFFILIATIONS

Manuscript reviewer, *Canadian Journal of Fisheries and Aquatic Sciences, Marine Ecology Progress Series, Marine Policy*
Proposal reviewer, *National Science Foundation, National Geographic Society*
Member, *Society for Conservation Biology, American Fisheries Society, Ecological Society of America*