

MICHAEL KOTUTWA JOHNSON

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TRIBAL ENROLLMENT:

Enrolled member of Hopi Tribe # 1603-332

EDUCATION

Ph.D. 2018 (Expected)	School of Natural Resources and the Environment, University of Arizona
M.P.P. 2003	School of Public Policy, Pepperdine University
B.S. 1999	College of Agriculture & Life Sciences, Cornell University

PROFESSIONAL APPOINTMENTS

2016-Present	Graduate Research Associate, Laura-Lopez Hoffman Lab
2014	Cultural Advisor, Hopi Tribe
2003-2005	District Conservationist, USDA/NRCS
1999-2001	Special Projects Program Associate, First Nations Development Institute
1997	Research Assistant, Soils, Crops & Atmospheric Sciences Department, Cornell University
1995	Housing Commissioner, Hopi Tribe

PUBLICATIONS AND FEATURE ARTICLES

PEER-REVIEWED PUBLICATIONS

2018	Johnson, M.K. , AM Lien, L López-Hoffman. 2018. Barriers associated with the Environmental Quality Improvement Program: Case study on the Hopi Indian Reservation. <i>Ecosystem Services</i> . doi.org/10.1016/j.ecoser.2018.05.009
2015	Singletary, L., Emm, S., Loma'omvaya, M., Clark, J., Livingstone, M., Johnson, M.K. , & Oden, R. Hopi People of the Land: Sustainable Agriculture on the Hopi Reservation, University of Nevada Cooperative Extension. https://www.unce.unr.edu/publications/files/ag/2014/cm1402.pdf

PEER REVIEWED PUBLICATIONS IN PREPARATION OR REVISION

- In Prep **Johnson, M.K.**, Rowe, M. & Hoffman-Lopez, L. Conservation Policy: Adjustments Necessary on Tribal Lands in the United States
- In Prep **Johnson, M.K.**, Rowe, M., & Hoffman-Lopez, L. Probing the implementation gap in Integrating Indigenous Conservation Practices into NRCS cost-share initiatives.

PROFESSIONAL PUBLICATIONS (NOT PEER REVIEWED)

- 2018 **Johnson, M.K.**, & Allen.,L. Tribal Farming Traditional and Today, *Tribal Business Journal*, July 2018. Online: <http://tribalbusinessjournal.com/latest-issues/>
- 2018 **Johnson, M.K.** Drought is Not The Only Thing Impacting Hopi Agriculture, Guest Editorial., *Hopi Tutuveni*, June 19, 2018. <https://www.hopi-nsn.gov/wp-content/uploads/2018/06/tutuveni-final-619-1.pdf>
- 2017 **Johnson, M.K.** & Chamot, J., Crops Rising From a Cracked Desert, *National Geographic Online*: <https://voices.nationalgeographic.com/2017/05/01/crops-rising-from-a-cracked-desert/>
- 2016 **Johnson, M.K.**, Keeping with Tradition, *Indigenous Stewards*. Spring 2016
Online: <https://journals.uair.arizona.edu/index.php/indst/issue/view/1593>

MUSEUM EXHIBITS

- 2018 **Johnson, M.K.**, The Resiliency of Hopi Agriculture: 2000 Years of Planting, *Museum Exhibit till June 2019.*, Arizona State Museum

EDUCATIONAL DOCUMENTARIES

- 2013 K. Cressman and **Johnson, M.K.** *Thoughts of a Hopi Farmer*, American University-
<https://www.youtube.com/watch?v=wJ-tLq7yhk4>
- 2014 V. Sandoval and **Johnson, M.K.** *Hopi Life*, Rural Coalition-
<https://www.youtube.com/watch?v=B28vQMp1Oxk>
- 2016 **Johnson, M.K.** *Conservation: The Hopi Way*, University of Arizona-
<https://www.youtube.com/watch?v=axgOef7J1P0>
- 2018 B. Carter and **Johnson, M.K.** Resiliency of Hopi Agriculture:2000 Years of Planting
<https://www.youtube.com/watch?v=28gAFESNGMU&t=67s>

SELECTED MEDIA APPEARANCES

- 2018 **Johnson, M.K.** It's Farmer Friday! Meet Michael Kotutwa Johnson. *Rural Coalition Blog*, August 17, 2018. <https://www.ruralco.org/2018/08/17/farmer-friday-michael-kotutwa-johnson-hopi-farmer/>
- 2017 **Johnson, M.K.** Traditional Farming Techniques: A Class Visit From Hopi Farmer, Michael Kotutwa Johnson, *Medium*. July 24, 2017. https://medium.com/@oscarmedina_38474/traditional-farming-techniques-a-class-visit-from-hopi-farmer-michael-kotutwa-johnson-a848181e6e36
- 2014 K. Cressman and **M.K. Johnson.**, Hopi Seed Sovereignty: Conserving Hopi Seeds, Sustainability, Stewardship, and Sovereignty. American University School of International Service, National Family Farm Coalition and Rural Coalition, May 5, 2014. <https://static1.squarespace.com/static/51624bdce4b058e82d8a2faf/t/536658bae4b0a8d04d94c9aa/1399216314433/Hopi+Seed+Sovereignty+.pdf>

HONORS & AWARDS

- 2017 to Present American Indian Graduate Center Science Post Graduate Scholarship
- 2016 to Present Alfred P. Sloan American Indian Scholar-University of Arizona
- 2016 Graduate Student Poster Contest, Overall Winner, Fall Fest-University of Arizona
- 2012-2015 Hopi Tribal Priority Scholarship

PRESENTATIONS

ACADEMIC GUEST LECTURES

- 2018 **Johnson, M.K.**, The Importance of Biodiversity Conservation: A Hopi perspective. March 7th, *ENVS 495, University of Arizona, Tucson, AZ*
- 2018 **Johnson, M.K.**, American Indian Natural Resource Management: A United States Policy Overview, April 10 & 12th, *RNR 480, University of Arizona, Tucson, AZ*
- 2017 **Johnson, M.K.**, What if we farmed like a Hopi: A question of resiliency. October 11th, *AIS/431/531-University of Arizona, Tucson, AZ*
- 2017 **Johnson, M.K.**, Dryland Farming of the Hopi. September 19th, *SISU, American University, Washington D.C.*
- 2017 **Johnson, M.K.**, American Indian Natural Resource Management: A United States Policy Overview, April 11th & 13th, *RNR 480, University of Arizona, Tucson, AZ*

- 2017 **Johnson, M.K.**, Conservation and sustainable agriculture in the Southwest: A Hopi farmers perspective., March 23rd, *ENTO/EIS/RNR/SWES 436/536*, University of Arizona, Tucson, AZ
- 2017 **Johnson, M.K.**, The Importance of Biodiversity Conservation: A Hopi perspective. March 7th, *ENVS 495*, University of Arizona, Tucson, AZ
- 2016 **Johnson, M.K.**, Perspectives in Conservation by a Hopi farmer., March 3rd, *OLLI 6814-Green Valley Campus*, Tucson, AZ
- 2106 **Johnson, M.K.**, What if we farmed like a Hopi: A question of resiliency, November 9th, Lecturer., *AIS/431/531-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Hopi Dryland Farming., November 9th, *ANTHRARC 296-University of Michigan*, Ann Arbor, MI
- 2016 **Johnson, M.K.**, Adaptation using place-based knowledge: A Hopi farmers perspective., November 8th, *GEOG 404-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Farming with a limited amount of water: The Hopi way. April 29th, *HWRS 170A1-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Hopi conservation management: A unique perspective. April 27th, *AIS 160A1-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, American Indian Natural Resource Management: A United States Policy Overview, April 21st, *RNR 480/580-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Hopi house: Building into the landscape. April 21st, *PLG/RNR 256-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Integrating Hopi knowledge: Uses in Natural Resource Management, April 20th, *AIS 403/503-University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, Dryland Farming Techniques: A Hopi farmers application. April 19th, *ANTHRO 347-University of Arizona*, Tucson, AZ
- 2015 **Johnson, M.K.**, Conservation Agriculture: A Hopi perspective., April 5th, *ENTO 436/EIS 536-University of Arizona*, Tucson, AZ
- 2015 **Johnson, M.K.**, Hopi house: Building into the landscape November 19th, *PHG/GEO/NATS 256-University of Arizona*, Tucson, AZ
- 2015 **Johnson, M.K.**, What if we farmed like a Hopi: A question of resiliency., September 21st, Lecture., *AIS/431/531-University of Arizona*, Tucson, AZ

INVITED SEMINARS AND PRESENTATIONS

- 2017 **Johnson, M.K.**, The Importance of Seed Saving and Resiliency, June 25th, *Food Sovereignty Summit*, Green Bay, WI
- 2017 **Johnson, M.K.**, Barriers Associated with the Environmental Quality Incentives Program: *Case Study on the Hopi Indian Reservation. U.S. Farm Bill 2018: Policy, Politics, & Potential*, March 25th, Washington D.C.
- 2016 **Johnson, M.K.**, Farming in a semi-arid region: The Hopi Way. May 2-5th, *Food Sovereignty Conference, University of Arizona*, Tucson, AZ
- 2016 **Johnson, M.K.**, September 10th, *Food and Water in Arid Lands Conference*, Tucson, AZ
- 2016 **Johnson, M.K.**, Saving water: Hopi dry-land farming., March 3rd., *WRCC Annual Conference 2016, Tech, Talk, and Tradeoffs*, Tucson, AZ
- 2016 **Johnson, M.K.**, Crop Biodiversity of the Hopi. A practicing Hopi farmer. February 5th, *The 39th Annual Conference-The Society of Ethnobiology*, Tucson, AZ
- 2016 **Johnson, M.K.**, Applications of STEM fields learned by Hopi children in the corn field., April 7th, *Teaching, Learning, and Sociocultural Studies Colloquy*, Tucson, AZ
- 2014 **Johnson, M.K.**, Keeping tradition: Using our own system of agriculture., July 10th, *Natwani Foundation Annual Hopi Agriculture Forum*, Polacca, AZ
- 2011 **Johnson, M.K.**, Placed-based agriculture: A Hopi farmers perspective., July 5-9th, *Rural Coalition Annual Conference*, Oklahoma City, OK
- 2010 **Johnson, M.K.**, Hopi dryland farming: Testing the limits of soil and water conservation. June 15th, *Beginning Farmers-The Drake Forum-America's New Farmers: Policy Innovations & Opportunities*, Washington D.C.
- 2007 **Johnson, M.K.**, June 3rd-8th, Presenter, *Annual Soil Water Conservation Society Annual Conference*, Detroit, MI

NON-ACADEMIC LECTURES

- 2018 **Johnson, M.K.**, The Resiliency of Hopi Agriculture: 2000 Years of Planting, April 14th, *Arizona State Museum*, Tucson, AZ.
- 2017 **Johnson, M.K.**, What if we farmed like a Hopi? June 6-8th, *Native Youth Summer Summit*, Fayetteville, AR
- 2017 **Johnson, M.K.**, General Hopi Agricultural Techniques., March 12th, *Change Maker High School*, Tucson, AZ
- 2017 **Johnson, M.K.**, Dryland Conservation Management: A Unique Perspective, *Verde Valley High School*, May 31st, Sedona, AZ
- 2017 **Johnson, M.K.**, Dryland Farming Techniques of the Hopi, March 17th, *Arizona Master Naturalist Program: Pima County Chapter*, Tucson, AZ
- 2017 **Johnson, M.K.**, What if we farmed like a Hopi?, *Biosphere 2*, April 15th, Oracle, AZ

- 2017 **Johnson, M.K.**, What if we farmed like a Hopi? August 13th, *EXO Coffee House*, Tucson, AZ
- 2016 **Johnson, M.K.**, Conservation of the Hopi: Steep in tradition., April 10th, *DOCENTS, Arizona State Museum*, Tucson, AZ
- 2016 **Johnson, M.K.**, What if we farmed like the Hopi, April 5th, *Tohono Odham Community College (TOCC) Sells*, AZ
- 2016 **Johnson, M.K.**, Lessons of a Hopi farmer- April 1st, *Arizona Historical Society*, Tucson, AZ
- 2013 **Johnson, M.K.**, EQIP on the Hopi Reservation., March 23rd., *Arizona Association of Conservation Districts*, Prescott, AZ
- 2011 **Johnson, M.K.**, Farming the Hopi way. March 12th., *Tucson Archeology Organization*, Tucson, AZ
- 2011 **Johnson, M.K.**, Hopi dryland farming., April 12th, *Indian Societies, Pima Community College*, Tucson, AZ

POSTER PRESENTATIONS

- 2016 **Johnson, M.K.**, October, 2016, A Manual to Preserve Hopi Agriculture Conservation Techniques for an Era of Climate Change., *Fall Poster Contest: Institute of the Environment*, Tucson, AZ.
- 2016 **Johnson, M.K.**, The Anomaly of Hopi Agriculture: Does Climate Change Really Matter? Poster. September 2016, *UA Arid Lands Poster Session: Cross-disciplinary Symposium on Arid Environments Research*, Tucson, AZ.

TEACHING

- 2011 Graduate Teaching Assistant: Natural Resource Management in Native Communities. Undergraduate and Graduate Course. University of Arizona
- 2009 Graduate Teaching Assistant: Study American Indian Literature. Undergraduate and Graduate Course. University of Arizona

COMMUNITY SERVICE & OUTREACH

- 2018 Advocate: Talked to Member of Congress about issues concerning American Indian Farmers and Ranchers on behalf of the National Young Farmers Coalition, Washington, D.C.
- 2017 Advisor Committee Board Member: Engaging Native Boys in Education, Tribal Lifeways and Environmental Stewardship Project, Tucson, AZ
- 2017 Advocate: Native American High School Students, UofA Department of Optics, Tucson, AZ
- 2016 Advisor: Native American College Bound Students, UofA Department of Optics, Tucson, AZ
- 2016 Advocate: Native American High School Student, UofA Outreach Discussion, Tucson, AZ
- 2016 Advocate: Native American Undergraduate Students and Teachers, UofA Academic Research Discussion, Tucson, AZ
- 2014-2017 Advisor: Hopi Work Session-Students Sedona Verde Valley School, Kyktosmovi, AZ

PROFESSIONAL ORGANIZATIONS

- 2018 U.S. Indigenous Food Sovereignty Network
- 2016 Society of Ethnobiology (SoE)
- 2005-2018 American Indian Science and Engineering Society (AISES)
- 2005-2018 Soil, Water, & Conservation Society (SWCS)
- 2013-2018 Advancing Hispanic/ Chicanos & Native Americans in Science (SACNAS)
- 2005-2008 Indian Land Tenure Foundation (ILTF)

