

Alexei Lozano Vranich

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PROFILE

Seasoned professional skilled in identifying outstanding individuals and coordinating diverse people from disparate national and technical backgrounds. Demonstrated track record for designing and maintaining proper settings for hosting and engaging diverse groups of people, and proven ability in cultivating local and national contacts that ensure project maintenance and development. Ability to reduce complex situations into easily comprehensible ideas and synthesize project results for scientific and government reports, peer-reviewed publications, and successful proposals for World Heritage and National Park status. Coordinate specialized work among various disciplines to produce compatible and valuable research results for the scientific community and local and national museums and planning agencies. Designing and mentoring in living-learning undergraduate residences for on campus living and for immersive study abroad programs.

EDUCATION

- 1999 University of Pennsylvania, PhD in Anthropology
Dissertation: *Interpreting the Meaning of Ritual Spaces: The Temple Complex of Pumapunku, Tiwanaku, Bolivia*
- 1994 Exchange Fellow, Universidad Complutense de Madrid, Spain
- 1991 University of California, Berkeley, BA in Anthropology

TEACHING, STUDENT ENGAGEMENT, MENTORING

- 2021-22 University of Warsaw
Invited Scholar, Vice Rector Fund (2021)
Visiting Professor (2022) ZIP (Zintegrowany Program Rozwoju)
- 2020-21 Massachusetts Institute of Technology
Lecturer, School of Engineering
- 2019 - Present University of Texas, San Antonio.
Research Associate
- 2016-2018 University of California, Berkeley
Research Associate, Archaeological Research Facility
Assistant Dean, Bowles Hall Residential College
- 2009-2015 University of California, Los Angeles
Visiting Assistant Professor, Cotsen Institute of Archaeology (2012-2015)
Lecturer and Research Associate, Cotsen Institute of Archaeology (2008-11)
Faculty-in-Residence, Office of Residential Life (2009-2015)
- 2012 Universidad Nacional de San Antonio Abad del Cusco, Cusco, Peru
Visiting Fulbright Professor
- 1997-2008 University of Pennsylvania
Research Associate, Museum of Archaeology and Anthropology
Lecturer, Department of Anthropology (1999-2000)

- 1993, 98-99 Teaching Assistant, Computer Laboratory, Department of Anthropology (98-99); Teaching Assistant, *Computer Application in Archaeology* (99); *Introduction to Physical Anthropology* (93)
- 1994 Brooklyn College and the American University in Bulgaria
Teaching Assistant, Field School at Kamenska Chuka, Blagoevgrad, Bulgaria

FELLOWSHIPS AND AWARDS

- 2022 ZIP (Integrated Development Program) University of Warsaw and European Social Fund, Operational Program Knowledge Education Development
- 2012 Fulbright Scholar, Visiting Professor, Cusco, Peru
- 2007-08 Dumbarton Oaks Fellow, Harvard Research Library Washington, DC
- 1993-94 Exchange Fellow, University of Pennsylvania and the Universidad Complutense de Madrid, Spain

GRANTS

- 2012 National Museum of the American Indian, *Inca Roads Exhibition Project Grant* (\$35,000)
- 2006 National Science Foundation, *Research Experience for Undergraduates* (\$12,000)
- 2005 British Electrical Company, *Laser Scanning the Ceremonial Center of Samaipata* (\$2,500)
- 2004 National Science Foundation, *Computing and Retrieving 3D Archaeological Structures from Subsurface Survey* (\$1,062,000)
- 2004 National Science Foundation. *Pre-Columbian Urban Form in the Andes* (\$105,000)
- 2000 Curtiss T. and Mary G. Brennan Foundation. *Developing a Long-Term Research Strategy for Tiwanaku, Bolivia*. (\$6,000)
- 1999 Kaplan Foundation Grant for the Application of Technology. *Digital Recording of Archaeological Sites* (\$15,000)
- 1996 Lisa Lynn Brody-Foley Field Funds Grant, Department of Anthropology, University of Pennsylvania (\$3,000)

FIELD EXPERIENCE

Field Research

- 2008-present Director and Principal Investigator, Cuzco Archaeological Project. Cuzco, Peru
- 2019 Field supervisor, Angkor Thom, Cambodia, and technical consultant for World Monuments Funds at Phnom Bakheng temple complex
- 1996-2006 Co-director and Principal Investigator, Proyecto Arqueológico Pumapunku Akapana (P.A.P.A.) Tiwanaku, Bolivia
- 2006 Director of laser scanning mapping of ceremonial core, Proyecto Arqueológico Pumapunku Akapana (P.A.P.A.). Samaipata, Bolivia
- 2009 Director, field school laser scanning in collaboration with the Center for Advanced Spatial Technologies (CAST). Machu Picchu, Peru
- 2005 Director of laser scanning, Proyecto Arqueológico Pumapunku Akapana (P.A.P.A.). Machu Picchu, Peru
- 2003 Field Manager, Xunantunich Palace Excavations. Xunantunich, Belize
- 1999 Archaeological technician for the laser transit architectural and topographic survey, Sipan Archaeological Project, Brüning Museum. Sipan, Peru
- 1996 Surveyor for the Bolivian Department of Archaeology, Proyecto Agro-Arqueológico del Beni, Baures, Provincia del Beni, Bolivia

- 1995 Excavation Supervisor, Proyecto Agro-Arqueológico del Beni, Baures, Provincia del Beni, Bolivia
- 1993-4 Excavation Supervisor, Rojdi Archaeological Project. Gujarat State, Rojdi, India
- 1993 Excavation Supervisor, University of California, Berkeley. Russian settlement of Fort Elizabeth field school. Island of Kauai, Hawaii
- 1991 Archaeological Surveyor, US Forest Service. Stanislaus National Forest, California
- 1991 Excavation Supervisor, Pueblo period site of School House Mound, directed by Arizona State University. Tonto National Forest, Payson, AZ

PUBLICATIONS

Peer-Reviewed Books

- In preparation Vranich, A. *Tiwanaku. The Design of an Andean City*. University of Florida Press. (Under contract 2022)
- In preparation Vranich, A, Sillar B, Ogburn D. *Creating a Capital: How the Inca built Cusco*. University of Florida Press. (Under Contract 2022)
- 2013 Vranich, A., C. Stanish (eds). *Visions of Tiwanaku*, Cotsen Institute of Archaeology, Los Angeles, CA
- 2013 Vranich, A., A. Levine (eds). *Advances in Titicaca Basin Archaeology 2*, Cotsen Institute of Archaeology, Los Angeles, CA
- 2013 Vranich, A., E. Klarich, C. Stanish (eds). *Advances in Titicaca Basin Archaeology 3*, Cotsen Institute of Archaeology, Los Angeles, CA

Book Chapters

- 2018 Vranich A., and Smith, S. "Nighttime Sky and Early Urbanism in the High Andes." In *The Archaeology of the Night*, edited by Nancy Gonlin and April Nowell, 121-138. University of Colorado Press, Boulder, CO
- 2016 "Monumental Perceptions of the Tiwanaku Landscape," in *Political Landscapes of Capitals*, edited by Jessica Joyce Christie and Jelena Bogdanovic. University of Colorado Press, Boulder, CO
- 2016 "Developing Frameworks for the Investigation of the Role of Ritual and the Archaic State," in *Ritual in Archaic States*, edited by Joanne Murphy. University of Florida Press, Gainesville, FLA
- 2013 "Visions of Tiwanaku," in *Visions of Tiwanaku*, edited by Alexei Vranich and Charles Stanish. Cotsen Institute of Archaeology, Los Angeles, CA
- 2013 Preface in *Visions of Tiwanaku*, edited by Alexei Vranich and Charles Stanish. Cotsen Institute of Archaeology, Los Angeles, CA
- 2013 "Concluding Thoughts," in *Visions of Tiwanaku*, edited by Alexei Vranich and Charles Stanish. Cotsen Institute of Archaeology, Los Angeles, CA
- 2013 Yaeger J. and Vranich, A. "A Radiocarbon Chronology of the Pumapunku Complex and a Reassessment of the Development of Tiwanaku, Bolivia," in *Advances in Titicaca Basin Archaeology II*, edited by Alexei Vranich and Abigail Levine. Cotsen Institute of Archaeology, Los Angeles
- 2010 "Plataformas, plazas y palacios en Tiwanaku, Bolivia (500-1000 AD)," in *Los señores de los imperios del Sol*, edited by Krzysztof Makowski. Banco de Crédito de Perú, Lima, Perú
- 2010 "Revalorizando a Max Uhle en Tiwanaku, in *Max Uhle (1856-1944). Evaluaciones de sus investigaciones y obras*," edited by Peter Kaulicke. Fondo Editorial PUCP, Lima, Peru
- 2009 "The Development of the Ritual Core of Tiwanaku," in *Papers of the New World Art Symposium Tiwanaku*, edited by Margaret Sanchez-Young. Denver Museum of Art, Denver, CO
- 2004 Isbell, W. and Vranich, A. "Experiencing the Cities of Wari and Tiwanaku," in *Andean Archaeology*, edited by Helaine Silverman. Blackwell Publishing, Malden, MA

- 2003 "La Pirámide de Akapana: Reconsiderando el Centro Monumental de Tiwanaku," in *Huari y Tiwanaku: Modelos vs. Evidencias*, edited by Peter Kaulicke and William H. Isbell. *Boletín de Arqueología* 5. Fondo Editorial PUCP, Lima, Perú
- 2002 "Visualizing the Monumental: Seeing What is Not There," in *Experimental Archaeology: Replicating Past Objects, Behaviors, and Processes*, edited by James Mathieu. Oxford: British Archaeological Reports

Articles

- Submitted "Building and Deconstructing the World: Landscapes, Memory and Power in The Cuzco of Los Inkas: The Case of Chakán". Luis Bejar and Alexei Vranich. Submitted to the Journal Nawpa Pacha.
- Accepted "Conserving and Visualizing Archaeological Archives: The Excavations of Cordero Miranda 1957-1979". *Peruvian Archaeology*.
- 2021 "Ancient genomes reveal long range influence of the site and culture of Tiwanaku". Danijela Popović, Martyna Molak, Mariusz Ziolkowski, Alexei Vranich, Maciej Sobczyk, Delfor Ulloa Vidaurre, Guido Agresti, Theseas Christos Lamnidis, Nathan Nakatsuka, Swapan Mallick, Mateusz Baca. *Science Advances* 24 Sep 2021, Vol 7, Issue 39, DOI:10.1126/sciadv.abg7261
- 2021 Comment on Arnold et al. "Drought and the collapse of the Tiwanaku Civilization: New evidence from Lake Orurillo, Peru" Marsh, Erik J., Daniel Contreras, Maria C. Bruno, Alexei Vranich, and Andrew P. Roddick. *Quat. Sci. Rev.* 251.
- 2020 "Continuity and Transformation in Tiwanaku Ritual Architecture." *Peruvian Archaeology V: 31-81*
- 2018 "Reconstructing Ancient Architecture at Tiwanaku, Bolivia: The Potential and Promise of 3d Printing." *Heritage Science*.
- 2014 "Prehistoric Urban Archaeology in the Americas. A View from Cusco, Peru". *Backdirt*. Cotsen Institute of Archaeology Press. December: 58-67. Vranich, A, Thomas Hardy and Stephen Berquist.
- 2006 "The Construction and Reconstruction of Ritual Space at Tiwanaku, Bolivia (A.D. 500-1000)." *Journal of Field Archaeology* 31 (2): 121-136
- 2006 "A Modern Survey of Ancient Ruins." *Geoworld Magazine* 19 (2): 22. Cothren, J., Payne, A. Vranich, A., and Limp, F.
- 2005 "Experimental Archaeology on Lake Titicaca." *Expedition* 47: 20-27. Vranich, A., Harmon, P. and Knutson, C

Articles in Conference Proceedings

- 2008 "Fusion of 3-Dimensional Data at Tiwanaku: An Approach to Spatial Data Integration," in *Proceedings of the 36th Annual International Conference on Computer Applications and Quantitative Methods in Archaeology (CAA) "On the Road to Reconstructing the Past,"* 92-98, Budapest, Hungar. Cothren, J., Goodmaster, C., Barnes, A., Ernenwein, E., Vranich, A., Limp, F., and Payne, A.
- 2008 "Tiwanaku y la dinámica urbana precolombina: la investigación actual, los rumbos del future," in *Arqueología de las tierras altas, valles interandinos y tierras bajas de Bolivia. Memorias del I Congreso de Arqueología de Bolivia*, 35-49. UMSA, La Paz, Bolivia.

Articles and Chapters in Popular Press

- 2019 “Ephemeral City, Permanent Memory.” In *Compass of the Ephemeral*. Smallworks Press, Las Vegas
- 2015 “The Archaeology of Awe,” in *Huffington Post*, 10/15/15
- 2007 “What a difference a Place Makes,” in *California Alumni Magazine*,
- 2005 “Think Tank. Archaeology,” in *Discover Magazine* 26/3:76
- 2003 “Letters from the Field. Coping with Chaos,” in *Archaeology* 56/3
- 2002 “Atlantis in Bolivia?” in *Archaeology*. 55/3: 8

Book Reviews

- 2004 Vranich, A. *Tiwanaku: Ancestors of the Inca*, by Margaret Sanchez-Young, *Archaeology* 58/2

Technical Reports

- 2011 Wildfire, L., Miksad, R., Perez-De la Rosa, A., Culotti, A., Beckman, E., Wright, K., Vranich, A. A Paleo-Hydraulic Analysis of Water Rainfall-Runoff and Drainage of the Incan Ruins of Sasaywhaman, Cusco, Peru. Submitted to the Ministry of Culture of Cusco, Peru
- 2010 Mendoza, L., Luksic, L., Durand, K., Vranich, A. Informe final de Investigación Arqueológica “Balcón del Diablo.” Submitted to the Ministry of Culture of Cusco, Peru
- 2009 Mendoza, L., Luksic, L., Durand, K., Vranich, A. Informe de Investigación Arqueológica “Balcón del Diablo.” Submitted to the Ministry of Culture of Cusco, Peru
- 2006 Vranich, A. and M. Koons. Excavaciones arqueológicas del Proyecto Arqueológico Pumapunku–Akapana en Tiwanaku, Gestión 2005. Submitted to the National Institute of Archaeology of Bolivia
- 2005 Vranich, A. and J.M. López B. Excavaciones arqueológicas del Proyecto Arqueológico Pumapunku–Akapana en Tiwanaku, Gestión 2003-4. Submitted to the National Institute of Archaeology of Bolivia
- 2004 Vranich, A., J.M. López B., J. Yaeger, M. Maldonado V. Excavaciones arqueológicas del Proyecto Arqueológico Pumapunku–Akapana en Tiwanaku, Gestión 2002. Submitted to the Dirección Nacional de Arqueología, La Paz, Bolivia
- 2002 Vranich, A., J.M. López B., J. Yaeger, M. Maldonado V. Excavaciones arqueológicas del Proyecto Arqueológico Pumapunku–Akapana en Tiwanaku, Gestión 2001. Report submitted to the Unidad Nacional de Arqueología, La Paz, Bolivia
- 2001 Vranich, A., J. Yaeger, D. Villamor, H.R. Haines, J.M. López B., M. Maldonado V., E. Tabas. Excavaciones arqueológicas en la Pirámide de Pumapunku, Tiwanaku. Submitted to the Unidad Nacional de Arqueología, La Paz, Bolivia
- 1999 Vranich, A., J. Yaeger, M. Bruno, J. Burkholder. Digital Photography and Archaeological Methodology: The 1999 Tiwanaku Project. Submitted to the University of Pennsylvania Museum and to the National Institute of Archaeology of Bolivia
- 1998 Vranich, A. and Ticlla, L. Excavaciones en el Sagrado Templo de Pumapunku, Tiwanaku. Submitted to the National Institute of Archaeology of Bolivia
- 1997 Vranich, A. Prospecciones arqueológicas en Samaipata, Departamento de Santa Cruz. Submitted to the National Institute of Archaeology of Bolivia
- 1996 Vranich, A. Investigaciones arqueológicas en el sistema hidráulico de Baures, Provincia del Beni. Submitted to the National Institute of Archaeology of Bolivia

PROFESSIONAL CONFERENCES

Organized Symposia and Conferences

- 2022 *Primer Asamblea Europea de Arqueología de las Américas*. Congress organized with Mariusz Ziółkowski and Thibault Sainenoy in Bornos, Spain, May 9-13.
- 2022 *High Mountain Archaeology: Studies in the Limits of Environmental Adaptation*. Symposium organized Maciej Sobczyk for the 3rd Scientific Conference of the Faculty of the University of Warsaw. Warsaw, Poland.
- 2019 *How Did the Inca Construct Cusco?* Symposium organized with William Sillar for the 2019 Annual meeting of the Society for American Archaeology. Albuquerque, NM
- 2013 *Landscape and Empire in the Cusco Valley*. Organized session for the 78th Annual Meeting of the Society for American Archaeology, Honolulu
- 2007 *Technology and Archaeology*. Organized workshop and presentations at the Dumbarton Oaks Research Library, Washington, DC
- 2006 *Northeast Conference on Andean Archaeology and Ethnohistory*. Co-organizers with Clark Erickson. University of Pennsylvania Museum, University of Pennsylvania, Philadelphia, PA
- Contending Visions of Tiwanaku*. With C. Stanish. Conference and Roundtable at the Cotsen Institute of Archaeology. University of California, Los Angeles, CA
- Integrating Geophysical and Archaeological Techniques at Tiwanaku, Bolivia*. Symposium for the 71th Annual Meeting of the Society for American Archaeology Meetings, San Juan, Puerto Rico
- 2005 *Preliminary Results from the 2004 field season at Tiwanaku, Bolivia: Investigations into the Dynamics of pre-Columbian urbanism*. Organized symposium for the 70th Annual Meeting of the Society for American Archaeology meetings, Salt Lake City, UT
- 2001 *Contextualizing Urbanism: Investigations of Center and Rural Dependencies in the Old World and New World*. Organized symposium with Rita Wright for the 66th Annual Meetings of the Society for American Archaeology, New Orleans, LA
- 1997 *Settlements and Social Landscapes*, Symposium chair for the 96th Annual Meetings of the American Anthropological Association, Washington DC

Conference Presentations

- 2022 “The Petro-Biography of the Gateway of the Sun”. Paper presented at *Primer Asamblea Europea de Arqueología de las Américas*. Congress organized with Mariusz Ziółkowski and Thibault Sainenoy in Bornos, Spain, May 9-13.
- 2022 “Tiwanaku as Mountain Observatory”. Paper presented at *High Mountain Archaeology: Studies in the Limits of Environmental Adaptation*, Symposium organized with Maciej Sobczyk for the 3rd Scientific Conference of the Faculty of the University of Warsaw. Warsaw, Poland.
- 2021 “The End of Tiwanaku”. Invited contribution for “A New Horizon: Reassessing the Middle Horizon (600-1000 A.D) and Rethinking the Andean State, Organized by Stephen Berquist, Andrew Roddick. Annual Meeting for the Society for American Archaeology, April 2021, San Francisco, CA.
- 2019 Sillar, W., Vranich A. and Ogburn, D. “Prior to Pachacuti: A pre-Imperial Phase for Monumental Construction in Cusco.” Paper presented at the symposium “How did the Inca Construct Cusco?” for the 2019 Annual meeting of the Society for American Archaeology. Albuquerque, NM
- 2019 Vranich A. and Sillar, W. “Imperial Remodeling: Hatuncancha and Later Inca Construction.” Paper presented at the symposium “How did the Inca Construct Cusco?” for the 2019 Annual meeting of the Society for American Archaeology. Albuquerque, NM
- 2019 Benquist, S. and Vranich A. “Terraforming the City: Canalization and Terracing in Cusco.” Paper presented at the symposium “How did the Inca Construct Cusco?” for the 2019 Annual meeting of the Society for American Archaeology. Albuquerque, NM
- 2018 Schaefer, N., Kobylt, J., Pingitore, N. and Vranich, A. “Using Modern Technologies to Better Understand the Inca Past at Sacsaywaman.” Poster presented at the 58th annual meetings of the Institute of Andean Studies. Berkeley, CA
- 2017 “Monumentality and the Development of the Primary State.” Paper presented at the 36th

Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory.
Philadelphia, PA

- 2016 Vranich, A. and Sillar, W. "Recent Advances and Future Directions for Research in Inca Cusco." Paper presented at the 35th Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory. Harvard University, Cambridge, MA
- 2016 Sillar, W. and Vranich, A. "Constructing Empire: The Building and Rebuilding of the Inca Imperial Capital of Cusco." Paper presented at The Andean Studies Seminar at the School of Advanced Study, London, England
- 2016 "The Nighttime Sky and the Development of Early Urbanism in the Highland Andes." Paper presented by invitation at the 2016 Society for American Archaeology Meetings, Orlando, FLA
- 2015 Horimoto, A. A., Campos, G., Tang, W. M., and Vranich, A. "Recreating Architecture through 3D printing." Poster presented at the 55th annual meeting of the Institute of Andean Studies, Berkeley, CA
- 2015 "The Development of Andean Complexity," lecture series by invitation at the National Museum of Ethnology of Japan, Tokyo and Osaka
- 2014 Miksad, R., Wright K., and Vranich, A. "The Role of Inca Terraces in Protecting the Great Walls of Saqsaywaman." Paper presented at the 33rd annual Northeast Andean Meeting on Andean Archaeology and Ethnohistory, Burlington, VT
- 2014 "Plazas in the High Andes." Paper presented by invitation at the "Andean Plazas: Materiality, Performance" symposium the 79th Annual Meeting of the Society for American Archaeology, Austin, TX
- 2014 Benquist, S. and Vranich A. "Virtual Cusco." Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX
- 2013 Miksad, R., Wright, K., and Vranich, A. "A 3-D Topographic Study of the Current and Remnant Inca Drainage System at Saqsaywaman." Paper presented at the Northeast Andean Meeting on Andean Archaeology and Ethnohistory, New Haven, CT
- 2013 "Monumental Visions." Paper presented at the session, *Envisioning Time and Imagining Place in Pre-Columbian Landscapes*, at the Theoretical Archaeological Group (TAG), Chicago, IL
- 2013 "*Ephemeral Monumentality.*" Paper presented at the session, "Wari and the Middle Horizon in the Andes: Papers in Honor of Bill Isbell," at the 78th Annual Meeting of the Society for American Archaeology, Honolulu
- 2010 Vranich, A., Troung, C., Fisher, K., Allyn, B., and Boots, S. *Reconstructing Inca Cuzco*, poster presented at the annual meeting of the Institute of Andean Studies, Berkeley
- 2010 Luksic, L., Durand, K., and Vranich, A. *Investigating the Huacas of the Empire: The Archaeological Project "Balcón del Diablo," Cusco, Peru*, poster presented at the 50th annual meeting of the Institute of Andean Studies, Berkeley
- 2009 "All roads lead to Cuzco." Paper presented at the conference on *Surveying Andean Legacy: Archaeological Research along the Inka Road System* at the National Museum of the American Indian, Washington, DC
- 2009 "Space and Identity." Paper presented at the symposium "Being Tiwanaku" organized by Sarah Baitzel and Paul Goldstein for the 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia
- 2009 "Pseudo-science, the Popular Past, and Contemporary Politics," keynote address at the conference on *Pseudo Science, Erasure, and Exclusion: Why the Past is Important in the Present*, Collaborative for Culture Heritage and Museum Practices. University of Illinois, Champaign-Urbana
- 2008 "Ethnohistory in three-dimensions." Paper presented at the 73th Annual Meeting of the Society for American Archaeology, Vancouver
- 2006 Vranich, A. and Mattox, W. "Excavating Plazas." Paper presented at the symposium "Integrating Geophysical and Archaeological Techniques at Tiwanaku, Bolivia"

- organized by A. Vranich for the 71st Annual Meeting of the Society for American Archaeology meetings, San Juan, Puerto Rico
- Verano J., Vranich, A. and Gardella, K. "Skeletal Remains from a Unique Dedicatory Offering at Tiwanaku." Paper presented at the 25th Northeast Conference on Andean Archaeology and Ethnohistory, Philadelphia
- 2006 "Revalorizing Max Uhle at Tiwanaku." Paper presented at the International Symposium *Max Uhle. Evaluaciones de sus Investigaciones y Obras*. Lima, Peru
- 2005 Benitez, L. and Vranich, A. "Urban Planning and Conveying the Sacred at Tiwanaku." Paper presented at the 24th Northeast Conference for Andean Archaeology and Ethnohistory, American University, Washington, DC
- 2005 "Overview of the 2004 Season, Tiwanaku, Bolivia." Paper presented at the symposium *Preliminary Results from the 2004 field season at Tiwanaku, Bolivia: Investigations into the Dynamics of pre-Columbian urbanism*, at the 70th Annual Meeting of the Society for American Archaeology, Salt Lake City
- 2004 . "The City of Tiwanaku." Paper presented at Conference "Tiwanaku: Ancestors of the Inca," in conjunction with exhibit at the Denver Art Museum, Denver, Colorado
- "Anti-Cosmopolitan Dynamics at Tiwanaku." Paper presented at the 24th Northeast Conference for Andean Archaeology and Ethnohistory, Yale, New Haven
- "Investigaciones en el sitio de Tiwanaku." Paper presented at the "1^{er} Congreso de Arqueología Boliviana" La Paz, Bolivia
- 2003 Vranich, A. and Yaeger, J. "The Origins of Inca Ritual Architecture." Paper presented at the 102nd Annual Meetings of the American Anthropological Association, Chicago
- Vranich, A. "Tiwanaku as Festival." Paper presented at the 23rd Northeast Conference for Andean Archaeology and Ethnohistory, Harvard, Cambridge, MA
- Vranich, A. "Nuevas Perspectivas sobre Tiwanaku." Paper presented at the Foro Estudiantil Latinoamericano de Antropología y Arqueología, La Paz, Bolivia
- 2000 "Urban Form and Transformation at Tiwanaku." Paper presented at the 21st Northeast Conference for Andean Archaeology and Ethnohistory, London, Ontario
- "Contextualizing Urbanism." Paper presented in the symposium *Contextualizing Urbanism: Investigations of Center and Rural Dependencies in the Old World and New World*, session organized by A. Vranich. and R. Wright for the 66th Annual Meeting of the Society for American Archaeology, New Orleans, LA
- 2001 "Contextualizing Tiwanaku Art and Architecture." Paper presented at the 20th Northeast Conference for Andean Archaeology and Ethnohistory, Dartmouth, MA
- Vranich, A. "The Creation and Delimitation of the Sacred." Paper presented at the symposium, *Creating and Recreating Sacred Space at Ancient Tiwanaku*, at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia, PA
- 1998 "Cosmological Unity of the Middle Horizon." Paper presented at the 18th Northeast Conference for Andean Archaeology and Ethnohistory, Binghamton, NY
- "Spatial Analysis in Ritual Architecture: The Temple of Pumapunku, Tiwanaku Bolivia." Paper presented at the 63rd Annual Meeting of the Society for American Archaeology, Seattle, WA
- 1997 "Investigations at the Temple of Pumapunku, Tiwanaku." Paper presented at the 17th Northeast Conference for Andean Archaeology and Ethnohistory, Orono, ME
- 1996 "The Hydraulic Complex of Baures, Bolivia." Paper presented at the 61st Annual Meeting of the Society for American Archaeology, New Orleans, LA
- 1995 "Prospección Arqueológica y Ecológica en Baures." Paper presented at the Tercera Jornada sobre culturas prehispanicas del Beni, Trinidad, Bolivia

PUBLIC EDUCATION AND OUTREACH

Film

- 2020 *Ancient Unexplained Files*. On-screen talent. The Science Channel.
 2018 *Expedition Unknown: Bolivia*. On-screen talent and consultant. The Discovery Channel
 2017 *Temple of Blood*. On-screen talent and consultant. The Science Channel
 2013 *Lost Kingdoms of South America*. On-screen talent and Primary consultant. BBC
 2012 *The Ancient Life*. On-screen talent and consultant. The Discovery Channel
 2011 *Brewmasters*. On-screen talent and consultant. The Discovery Channel
 2007 Digging for the truth. Consultant on CGI. History Channel
 2004 *Debunked. The Stone Spheres of Costa Rica*. Host and primary consultant. The Discovery Channel
 2002 *Voyage into the Past*. Host and primary consultant. Aired on various channels.

Museum and Public Exhibition

- 2016 Jacobs Institute for Innovative Research, University of California at Berkeley, *3D Printing the Past*
 2015 Charles E. Young Research Library, University of California at Los Angeles. Curator, *Archaeology and 3D printing*
 2009-2012 National Museum of the American Indian, Washington, D.C. Assistant Curator, *The Great Inca Road: Engineering an Empire*.
 1998 University of Pennsylvania Museum, Philadelphia. Assistant Curator and Lecturer, *The Return of a Stolen Cultural Treasure. The Gold of Sipan, Peru*

Teaching and Student Engagement

Organized courses

University of Warsaw

- 2022 *High Technology and Experimental Archaeology: Innovative approaches for Archaeological Interpretation*
First Civilization: The Archaeology of Tiwanaku and the Titicaca Basin

Massachusetts Institute of Technology

- 2020-21 *The Ancient Andean World*

University of Victoria, Canada

- 2020 *Archaeology of the Andes*

University of California–Berkeley

- 2018 *Anthropological Foundations of Modern Festivals*

University of California–Los Angeles

- 2013-15 *Religious Foundations of Modern Festivals*
 2014 *Computer Modeling the Past*
 2012 *Ceremonial Centers in Global Context*

Universidad Nacional de San Antonio Abad del Cusco

- 2012 *Archaeology of Cusco*

University of Pennsylvania

- 2006 *Conservation of Archaeological Sites*
 2005 *Visualizing the Past*
 2003 *Regional Planning Studio: The Sacred Landscape of the Inca*
 2002 *Regional Planning Studio: The Stone Spheres of Costa Rica*
 2000 *Introduction to Archaeology*
 1999 *Space and Place in Archaeology*

- 2012 Archaeological Mysteries: Lost and not yet Found
- 2011 Society and Substance
- 2010 The Apocalypse

Independent Study Undergraduate Studios, UCLA

- 2014 Fermentation and Society
- 2013-14 3D Printing the Past

Grants for Student Research

- 2019 MIT Undergraduate Research Opportunity Grant (\$4,000)
- 2012 Smithsonian Institute, Inca Road Exhibit, funds for undergraduate participation (\$4,000).
- 2005 National Science Foundation, Research Experience for Undergraduates Grant (\$3,625)
- 2004 National Science Foundation, Research Experience for Undergraduates Grant (\$1,111)

Student Field Training - Accredited 5-Week Intensive Field Programs

- 2017-19 *The Archaeology of the Incas*. UC Berkeley
- 2009-10 *Inca Fortress Archaeological Project*. UCLA
- 2009 *Geophysics and Computer Visualization*. UCLA/Center of Advanced Spatial Technologies, University of Arkansas.
- 2008 *Study Travel in the Andean World*. UCLA
- 2004-06 *Methods in Andean Archaeology*. Harvard University

Student Field Training – Fieldwork Projects with Significant Graduate and Undergraduate Mentoring

- Tiwanaku, UNESCO World Heritage Site in Bolivia (1997, 1999, 2000-06)
- Cusco, Peru. UNESCO World Heritage City and Archaeological Park of Sacsayhuaman (2006, 2008-16)

NB: Student research on these projects resulted in one PhD dissertation, 4 four Master's theses, two BA theses. One PhD thesis and 3 BA theses are currently in progress. Student participants have published articles and given many conference presentations.

Campus Mentoring

- 2016-18 UC Berkeley Assistant Dean, Residential College
Live-in-Faculty Advisor and Program Director for Bowles Hall (187 students).
- 2009-14 UCLA Faculty-in-Residence
Primary live-in faculty advisor for Dysktra Hall (900 students).
- 2009-14 UCLA. Faculty advisor, Sigma Nu Fraternity.

Languages

- English – Native/Bilingual*
- Spanish – Native/Bilingual*
- Italian – Proficient*
- French – Reading*