

Matthew Holdgate

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Professional Profile

Accomplished scientist, teacher, and animal welfare advocate seeking to contribute to a community-oriented facility. Diverse experiences include animal care, field conservation, education programming, exhibit design, grant-writing, volunteer coordination, event planning, and mission-driven program development.

Education

Ph.D., Biology. Portland State University. Expected December 2014.

Grants & Awards: Marie Brown Award (2013), Spatial Choice Award (2013), Student Education Travel Grant (2013), Technical Innovation Award (2012), Forbes-Lea Research Grant (2012 & 2011), Pittsburgh Zoo Conservation Fund Grant (2011)

B.S., Animal Behavior. University of New Hampshire. December 2004.

Employment

Program Assistant III & ZooTeens Supervisor

Oregon Zoo, 2012-current

Conservation Research Associate

Oregon Zoo, 2010-current

Zoo Director

Navajo Nation Zoo, 2007-2010

Biological Science Technician (seasonal)

USFS & associated agencies, 2005, 2006, 2007 & 2010

Massachusetts General Hospital

Research Animal Specialist, 2006-2007

The League to Save Lake Tahoe

Database & Info Center Assistant, 2005-2006

Naturalist Intern

Greenburgh Nature Center, 2004

Field Technician

Bureau of Land Management, 2004

Volunteer

Squam Lakes Natural Science Center, 2003

Teaching Experience

Graduate Teaching Assistant, Portland State University, 2010-current

Part-Time Faculty, Portland Community College, 2012-2013

Presentations

- Practical Strategies to Increase Zoo Elephant Walking Distances (2014) Workshop. AZA Midyear Meeting Elephant TAG/SSP.
- Using science to understand zoo elephant welfare (2013) AZA Annual Conference.
- Equipping elephants with GPS: Lessons from the zoo (2013) GIS-Pro.
- Can GPS be used to improve zoo animal welfare? A case study of Asian and African zoo elephant movement (2013) Poster. GIS in Action.
- Room to Roam: Using GPS to improve the welfare of Asian and African zoo elephants (2013) PSU Geography Department Colloquium.
- Using GPS to improve the welfare of Asian and African zoo elephants (2012) GIS-Pro.
- Have trunk, will travel: An evaluation of GPS performance for movement studies in zoo elephants (2012) Portland State University "Better know a lab" series.
- Have trunk, will travel: Using GPS to understand zoo elephant movement (2012) Poster. GIS in Action.

Trainings

- AZA: Managing for Success/Career Development
- AZA: Managing for Success/Organizational Development
- AZA: Successful Exhibit Design
- U.S. Department of Housing & Urban Development: The Art & Science of Grant Writing
- University of New Mexico: Essentials for Managers (40 hour course)
- Navajo Nation Executive Branch: Zero-Based Budget Development
- Massachusetts General Hospital Animal Research Division: TPS Team Leader Training
- U.S. Department of the Interior: Instructor Training
- American Red Cross First Aid/CPR Adult, Child, Infant & AED

Media Recognition

- Hunn D (2013) Zoo elephants getting fat, study says. Or is that curvy? St. Louis Post-Dispatch.
- Davis VT (2012) San Antonio Zoo Elephants Part of Study. MySanAntonio.
- Rosato J Jr (2012) Oakland Zoo Tracks Elephants with GPS. NBCBayArea.
- Haveman N (2009) A Day at the Zoo. Gallup Journey.
- Yurth C (2009) A Place for Sacred People: Vice-President Reminds Zoogoers of Diné Connection to Animals. Navajo Times.
- Hardin-Burrola E (2009) ZooFest: Wind, Dust, Rain Can't Blow Away Kids' Love of Animals. Gallup Independent.
- Yurth C(2009) Two-legged Creatures to Swarm ZooFest. Navajo Times.

- Helms K (2009) Navajo Zoo a 'Sanctuary for Nature and Spirit.' Gallup Independent.
- Helms K (2008) Zoo Seeks Aviary, Permit to Distribute Eagle Feathers. Gallup Indep.
- Dominguez J (2008) Saving Wildlife at the Window Rock Zoo. Gallup Herald.
- Brossy C (2008) Zoo Fest Attracts Large Crowd, Goals Outlined. Navajo Times.
- Francis K (2008) Navajo Nation Zoo Fest. Gallup Independent.

Technical Skills

- Microsoft Office Suite
- Adobe Photoshop
- ArcGIS
- R, SAS, SPSS
- Raiser's Edge

Memberships

- Animal Behavior Society, 2003 – present
- Association of Zoos and Aquariums, 2007 – present
- American Association of Mammalogists, 2012 – present
- Urban and Regional Information Systems Association, 2013 – present