

Participation in Sustainability Science: National and Global Networks



2012 Wild Research Consortium

We are Building Public Conservation Stations across the country



Chicago Zoological Society • Cincinnati Zoo & Botan. Garden • Cheyenne Mountain Zoo • Cleveland Metroparks Zoo • Columbus Zoo & Aquarium • Denver Zoo • Houston Zoo • Liberty Science Center • Louisville Zoological Garden • Oregon Zoo • Phoenix Zoo • Pittsburgh Zoo • ReefHQ Aquarium (Australia) • Riverbanks Zoo • The Santa Barbara Zoo • John G. Shedd Aquarium • Toledo Zoo • The Wilds • Woodland Park Zoo • Zoo Atlanta

Socially - Networked Exhibit System



Zoos & Other ISE Institutions

Exhibits



Web
Cams



Families



Research
Stations



Smart
Phones



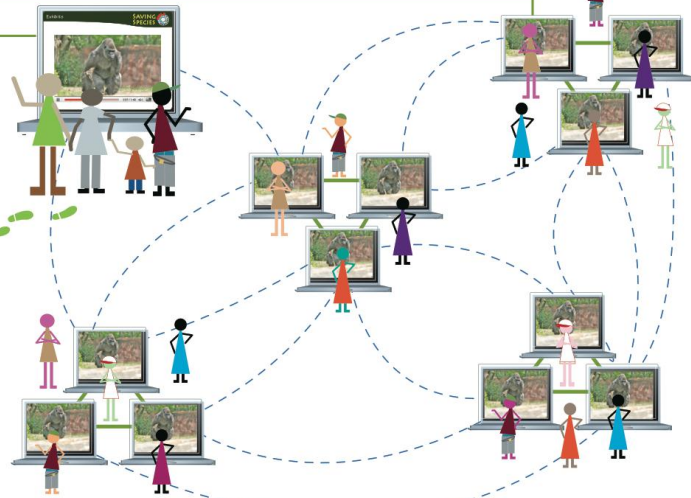
Field Sites



Researcher, Congo

- Congo
- Kenya
- Rwanda
- Sabah
- Tanzania
- others...

Homes / Schools



Saving Species Headquarters

Servers



- Development
- Monitoring
- Communications



★ Consortium Institutions

Manatee Conservation Station



Example Public Action Tool





Visitors create poster-based conservation campaigns
at the exhibit with at-home follow-up

Help Save **MANatees!**

Make a Poster and E-mail it to Friends and Family.

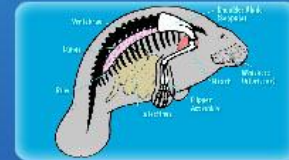
I want my poster to...



-  tell people that manatees are in trouble and we can help!
-  tell people that manatees are amazing animals!
-  tell people that manatees are like us!
-  tell people about manatees and their watery home!

I want to tell people that manatees are amazing animals!

My Conservation Poster



ERASE

Save The Manatees

Preview
Poster

In a Hurry?

START
OVER



Next, Add Words

ed es ing ly s y ! ?

My Conservation Poster



Cousin To Elephants

Magnificent
Manatees
Forever

Save The Manatees

ERASE

Preview
Poster

- Did You Know?
- Isn't That Amazing?
- Check This Out!
- 140-Foot-Long Intestines
- Air-Breathing Water Mammals
- Eat 7 Hours A Day
- Hold Their Breath For 20 Minutes
- Flippers For Steering
- Body Surf
- Play Follow-The-Leader
- Live In Sea And Rivers
- Grow Up To 15 Feet Long
- Cousin To Elephants
- Weigh Up To 3,500 Pounds
- Flippers With Fingernails
- Live 60 Years
- Closeable Nostrils
- No Eyelashes
- Extra See-Through Eyelids
- Underwater Roll
- Can Swim 20 mph
- No Natural Enemies

- A
- All
- Alone
- Am
- Amazing
- And
- Are
- As
- Awesome
- Be
- Because
- Believe
- Below
- Big
- Can
- Chirp
- Cool
- Did
- Do
- Everyone
- Flipper
- Float
- For
- Forever
- Gentle
- Giant
- Glide
- Go
- Have
- He
- Help
- Hurry
- I
- If
- Imagine
- In
- Is
- It
- Join
- Know
- Like
- Look
- Make
- Magnificent
- Manatee
- Manatees
- Marvelous
- Me
- Must
- My
- Need
- Never
- No
- None
- Not
- Now
- Of
- On
- Our
- Please
- Really
- Save
- Sea
- See
- She
- Somersault
- Spectacular
- Squeak
- The
- Them
- They
- Think
- Time
- To
- Together
- Too
- Try
- Us
- Vegetarian
- Wait
- Water
- Wave
- We
- When
- Whistle
- With
- Wonderful
- Wow
- Yes
- You
- Your

Whiskers Sensitive As A Human Fingertip

At The Zoo, Eat 100 Heads Of Lettuce A Day

Go Back One

START OVER



Next, Add Extras

Check out the Manatee Conservation Poster that I made for you!



First Name

CHRIS

Your E-mail

(remember to use an adult's e-mail)

CHRISM@MUOHIO.EDU

Send Poster To

(separate multiple e-mails by commas)

MYERSLB@GMAIL.COM

NOTE: Can't remember e-mail addresses? No problem! E-mail the poster to yourself. At home, e-mail the poster to friends and family.



Send Poster

Help Save Manatees!



My Conservation Poster



**I Am Hurt People !
You Should Help Me !**

Save The Manatees

Preview
Poster



Donate



Share This Poster



Make a New Poster

All Manatee Campaigns

Stats

Posters	63911 out of 63911 posters	Biofact:	23326 (36%) out of 23326 (36%)
Count:	41424 out of 41424 emails	Biospheric:	11421 (17%) out of 11421 (17%)
Emails Sent:	83213 out of 83213 views	Concern:	14537 (22%) out of 14537 (22%)
Page Views:	294 out of 294 (\$54,964,385.95 out of \$21,474,836.47 pledged)	Humanistic:	14627 (22%) out of 14627 (22%)

Posters created during with theme, sorting by

Displaying Posters **1 - 20** of **63911** in total

« Previous 1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) ... [3195](#) [3196](#) Next »



Theme: concern
Emails Sent: 2
Created By: [tommy](#)
Location: At Home

View Count: 0
Pledge Count: 0 (\$0.00 Dollars Pledged)
Created: about 1 hour ago



Theme: biofact
Emails Sent: 1
Created By: [Terrie](#)
Location: At Zoo

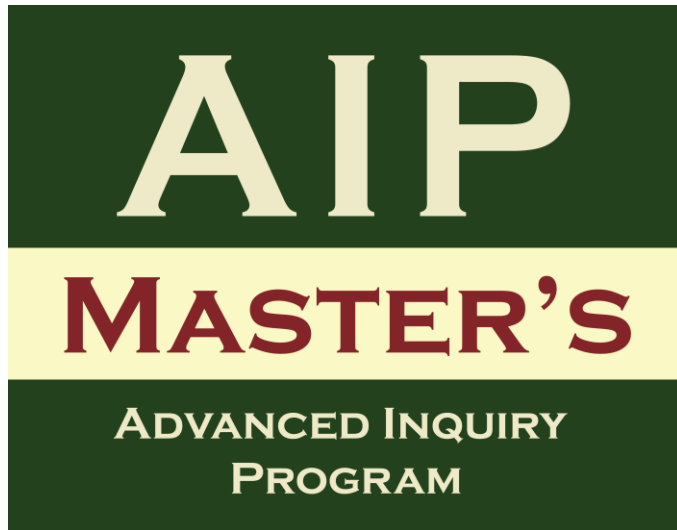
View Count: 0
Pledge Count: 0 (\$0.00 Dollars Pledged)
Created: about 6 hours ago



Theme: biofact
Emails Sent: 1

View Count: 0

Participation in Sustainability Science: ISE Staff—Professional Development



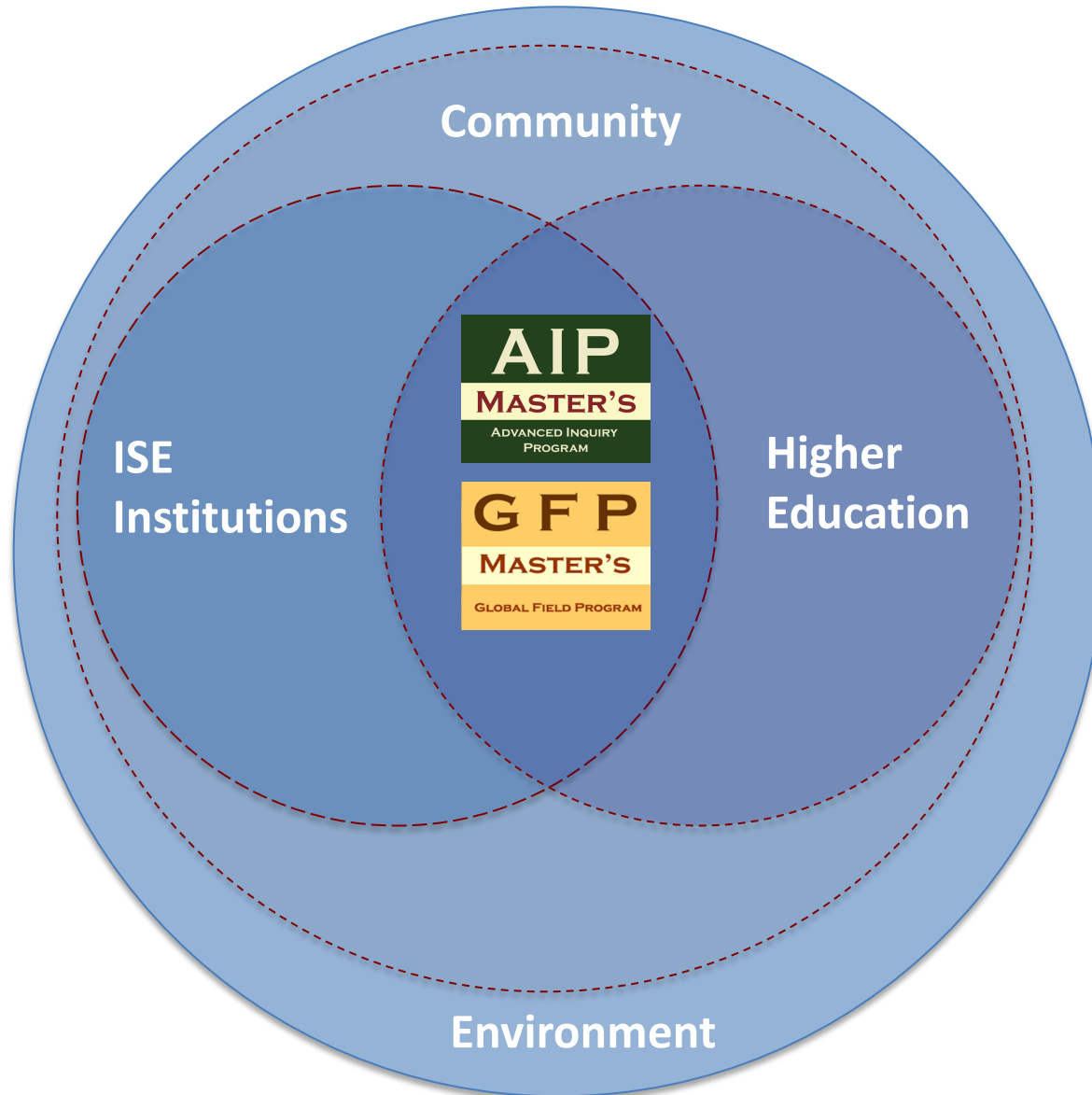
National and global Master's degree programs

Is this the best we can do?



>10,000 hours in the seat of learning

A shared approach



With a Shared Mission

To create an alliance of professionals with first-hand knowledge of inquiry-driven and community-based learning, who work together to improve ecological and human communities.

Shared Resources

Curriculum development Academic review

Web learning platform

Faculty training Learning media

Registration Libraries

Assessment Promotion strategies and materials

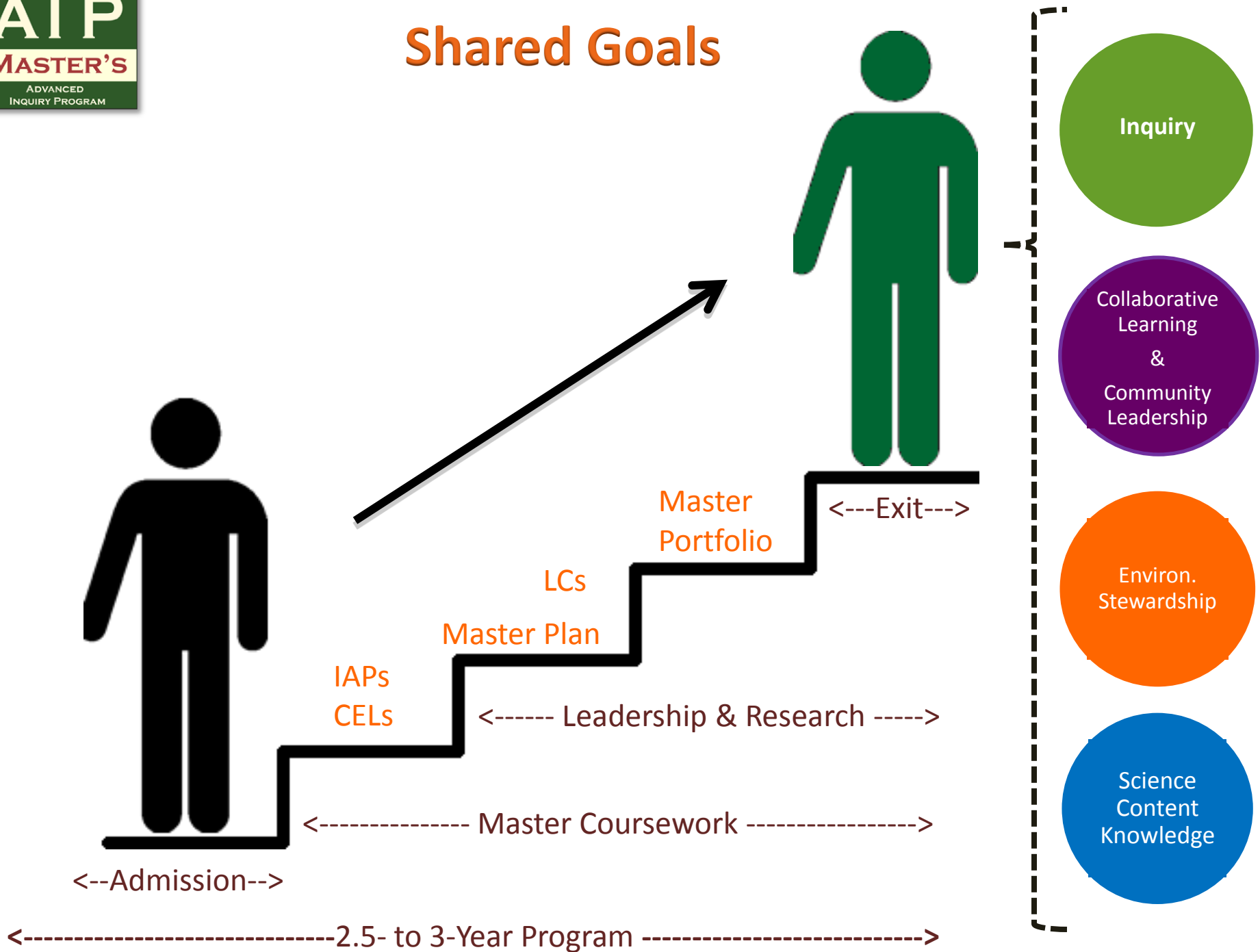
NCATE certification Conservation partnerships

Advising Best practices

Policies

Budget models Student handbooks

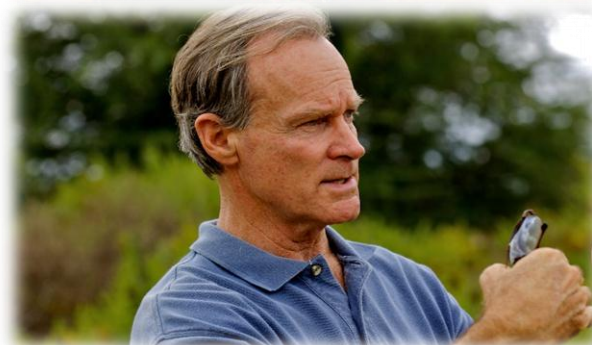
Shared Goals



Rooted in Communities



Connected to the World





Environmental Stewardship & Global Understanding

21 credits at critical conservation sites worldwide

14 credits via web-based learning communities

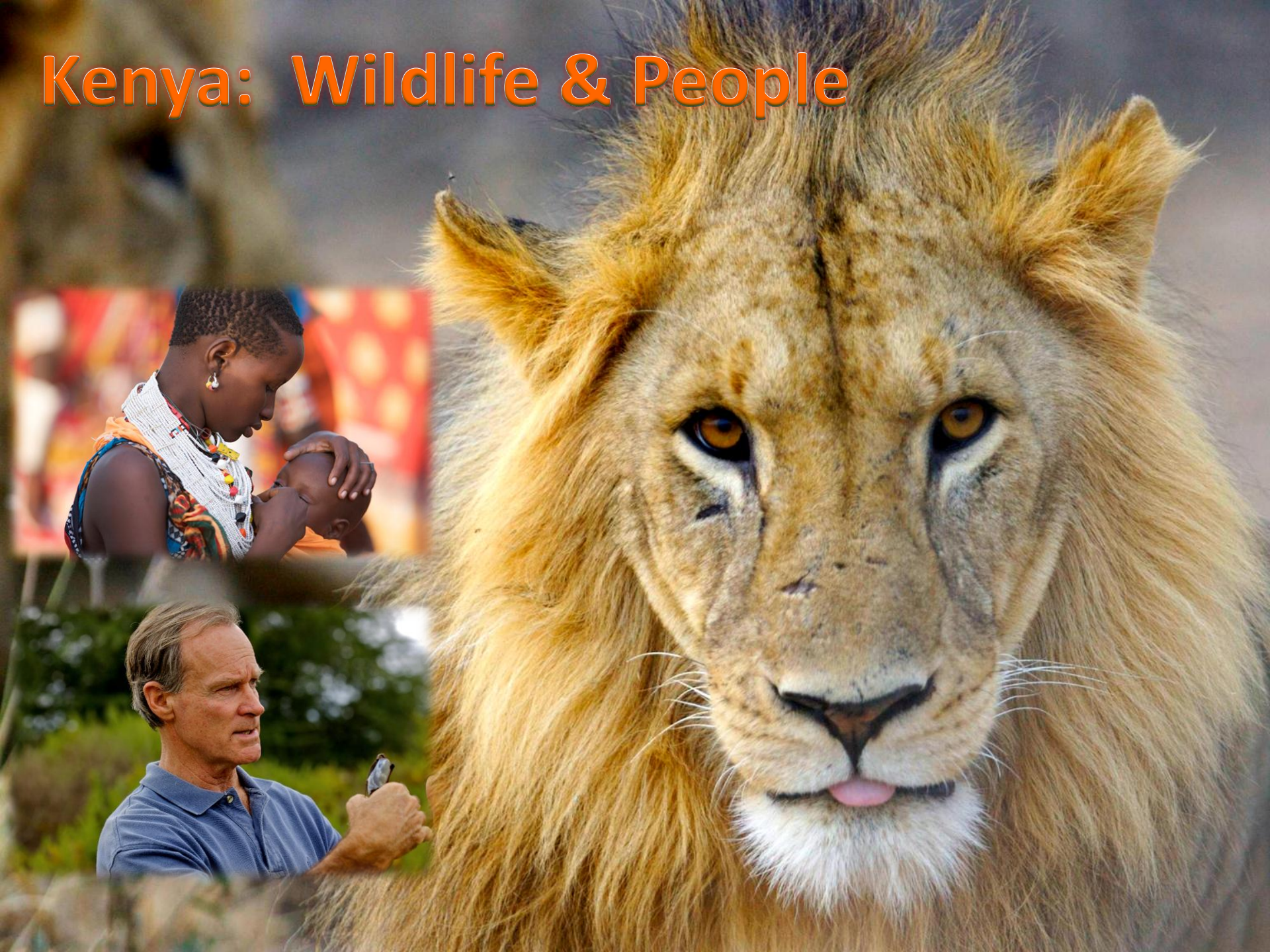
Degrees

MA for ISE and other professionals

MAT for licensed, K-12 teachers



Kenya: Wildlife & People



Borneo: Primate Conservation



Guyana: Local Wisdom & Conservation



Australia: Great Barrier Reef



Australian Government

**Great Barrier Reef
Marine Park Authority**

Thailand: Conservation & Buddhism





Community Leadership

Advanced Inquiry: A process of social learning that strengthens communities through dialogue, shared investigation, and public action.

21 credits at AIP Master Institutions

14 credits via web-based learning communities

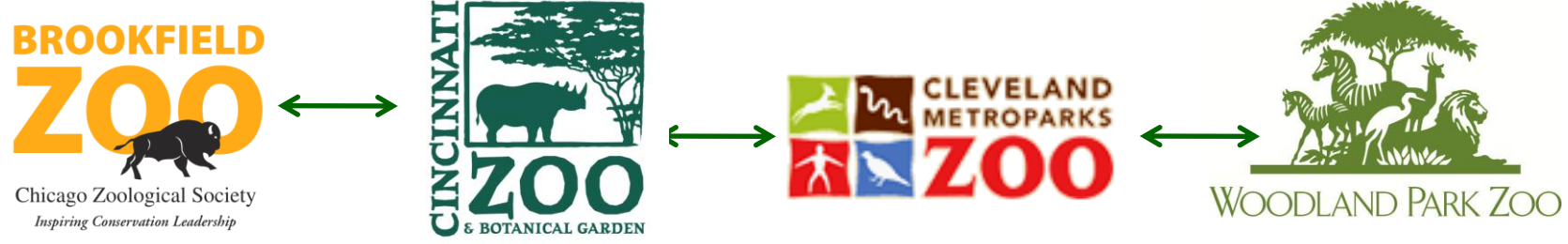
Degrees

MA for ISE and other professionals

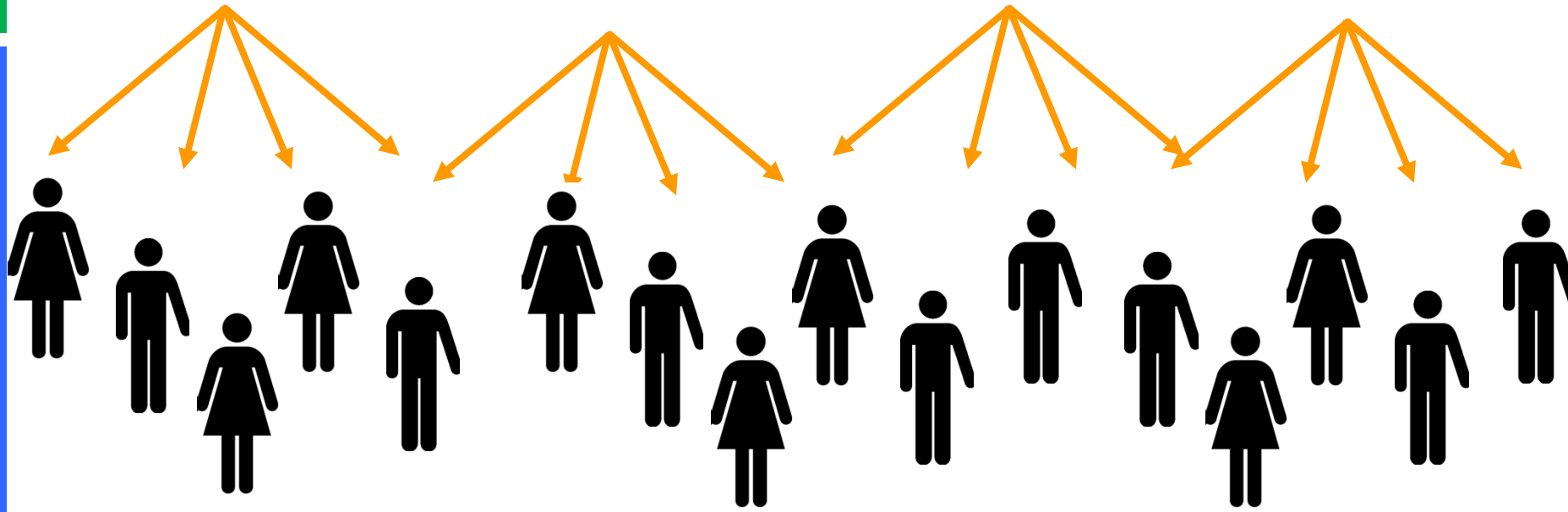
MAT for licensed, K-12 teachers

AIP Master's Degree

Master Institute



Community of Leaders / Educators



ecological literacy • partnerships • capacity building • voice

➤ **160 ISE staff in AIP/GFP courses 2011/2012**

➤ **A living community for Sustainability Science**

Chimp Haven • Walt Disney World • National Aquarium • San Diego Zoo
• California Science Center • The Nature Conservancy • Morton Arboretum •
Georgia Sea Turtle Center • Children's Museum of Upstate • Houston Zoo
• Monterey Bay Aquarium • Virgin Islands National Park • Seattle Aquarium •
Wildlife Conservation Society • Denver Zoo • 5 Rivers Metroparks • The Wilds
• Phoenix Zoo • Lake Erie Nature & Science Center • Utah's Hogle Zoo
Pacific Science Center • New England Aquarium • Wildlife Safari • Nature Vision
• Nature Bridge, Golden Gate • Brookfield Zoo • Remington Nature Center
Ridgefield National Wildlife Rescue • Reid Park Zoo • Seattle Aquarium
• Maryland Zoo in Baltimore • International Primate Rescue • Audubon Zoo



**Haji Kler,
HUTAN
East Malaysia**



**Joseph Karama
DFGFI
Rwanda**



Project *Dragonfly*
Inquiry | Community | Voice



Thank You

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