

S.A.V.E. NOTES

News from the Science Alliance for Valuing the Environment

VOLUME 34, ISSUEI

JANUARY, 2023

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Living Life: Lessons from the Animal World

Few among us have not been moved to tears more than once by ASPCA commercials. Images and stories of forgotten animals suffering, some from abject cruelty and some from lack of basic needs – food, water, shelter, and love. I always ask myself, "Why is there such widespread unethical treatment of animals? All living things all have one thing in common - LIFE!" We share more than just genetic material called DNA; we share emotions.

Japanese researchers at Jichi Medical University and Azabu University discovered that dogs cry tears when their owners left and returned after a few hours. They also shed tears after bearing puppies. This 'Tears Test' revealed that dogs have a "cuddling hormone," oxytocin, that expresses emotion. Dogs cry from both sorrow and joy.

Many pet owners cry at the loss of a pet and wonder if they will ever see their pet again. Maybe the book, *I Will See You in Heaven* (Paraclete Press, 2018) by Franciscan Friar Jack Wintz will give you something to think about.

The calming magic of classical music has shown to work well for animals as well. Studies show that leaving classical music on for your pet while gone helps soothe their emotions in your absence. There is a beautiful series of YouTube videos that show us Chaichana, a powerful bull elephant in Thailand, who gently stands by the piano as classical music is played. (Look it up – it will warm your heart.)



Another story from Earth Ministry Network's *Earth Letter* tells of a mother Orca whale called Tahlequah. In July 24, 2018, she gave birth to a female calf who died within the hour, probably from maternal starvation due to depleted salmon from pollution in Puget Sound. Mourning, she balanced her dead calf on her nose for seventeen days in profound grief. When she grew tired, other female orcas came to relieve her. Please take a moment to Google *Tahlequah*, *the Orca*, because this tragedy has many layers: the Chinook salmon are threatened, leading to the Orca crisis. We can help.

Humans share many things with our fellow animals – joy, comfort, music, grief, friendship, food management, pollution, and possible extinction. Maybe we can learn from each other.

Sister Rosine Sobczak, OSF S.A.V.E. President

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S.A.V.E. was established in August 1990 by a group of concerned citizens who wanted to make a difference and promote a love and appreciation for our natural world. It is a non-profit 501(c) (3) organization.

President Sr. Rosine Sobczak, OSF

Treasurer David Sobczak

Acting Secretary Sr. Rosine Sobczak, OSF

Board Members John Krochmalny

Corresponding Secretary Sr. Sharon Havelak, OSF Dave Sandys

Board Affiliates S.A.V.E. Members

Co-Founders Sr. Rosine Sobczak, OSF Charlene Czerniak, Ph.D Linda Penn (deceased)

In Memory Of Lucy Vernile

Lucy Vernile, who brought enthusiasm to her science classroom and held the respect of colleagues at DeVeaux Junior High School and in the Toledo school system, died on Friday November 3, 2022. Lucy was 81. She retired from DeVeaux in 2006, where she taught Math and Science for more than 20 years, closing her career as the science teacher in a group called the Plus One Cluster, made up of teachers in different subjects who worked with the same group of students through a school year and planned lessons together. She was a dedicated SAVE member since 1998, and was involved in many ways until her health deteriorated. She was active when SAVE began and helped us get started. Her classes were alive with science and math, in which she incorporated many natural science activities which she learned from Linda Penn in the former Lourdes Life Lab.

Support S.A.V.E.—Stylishly

What does the best-dressed dog wear? A S.A.V.E. bandana!

S.A.V.E. has doggie bandanas for sale as part of our fundraising efforts. Four different styles are available: a red <u>Love That Dog</u> scarf with hearts and bones, a blue <u>Love</u> <u>Those Bones</u> scarf with paw prints and bones, a blue <u>Cosmic Walk</u> Scarf with gold stars, and a black scarf with adorable tiny white paw prints. The painted scarves are sized for a small to medium sized dogs and sell for \$7.50 each. **To purchase, please contact Sister Sharon at 419-517-7488 or save@lourdes.edu.**



Financial Report for the First Quarter of Fiscal Year 2023

While we have seen an increase in dues renewals this year, some member payments are still past due. We have seen an increase in new memberships as well. IF YOU HAVE NOT YET SUBMITTED YOUR ANNUAL DUES, please do so as soon as possible. These late payments have caused us to send out postcard notices for additional expense. Some members use Pay Pal to pay their dues.

Expenses were for two lecture fees. Activity is tracking well in all areas to budget at this time.

We have received 42% of our budgeted corporate memberships and over 100% of our individual memberships due to an increase in unbudgeted new members.

"Current Government Research into UFO's -Military Encounters Indicate Potential Effects on Crew"

S.A.V.E.'s first lecture of the 2022-2023 series was held in person at the Franciscan Center on September 13th. Thomas Wertman, a Cleveland native, presented the current government research on UFO's. Mr. Wertman is the Ohio State Director of MUFON, Mutual UFO Network. He has investigated over 300 UFO cases in Ohio and hundreds more in other states and countries.

In November 2004, the military was training off the coast of California. More than 15 ships and multiple aircraft witnessed UFO's traveling at tremendous speeds, dropping from 23,000 feet to sea level in seconds. When followed by aircraft, UFO's mirrored



the actions of the pilots. The Navy and the Marines tracked approximately 100 UFO's over a two-week span with estimated speeds of 18,000-42,000 MPH. This data was recorded on ships' cameras. Two copies were made but then all disappeared, leaving no evidence.

Military crews consistently report that the UFO's had no wings or propulsion. Pilots and crews expressed concerns about potential collisions with our vehicles.

Similar incidents were reported off the coast of Virginia. In 2015, the USS Roosevelt, an aircraft carrier, spotted rotating UFO's in training areas. Videos were obtained and, subsequently, disappeared. In 2019, the USS Kidd, a navy destroyer, documented multiple UFO's around the cluster of military ships, increasing in a two-day period. All evidence recorded on videos and logs disappeared.

"Once we start to act, hope is everywhere.

So instead of looking for hope, look for action.

Then, only then, hope will come."

Greta Thunberg

Recycle Cartridges and Electronics with S.A.V.E.



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S.A.V.E. needs your help in keeping the environment a little bit cleaner. The holidays have given way to a new year and many of us have been rewarded with new electronics. That means that a lot of OLD electronics need to be discarded. S.A.V.E. will recycle those items you no longer need or use.

The S.A.V. E. organization partners with the "Cartridges for Kids" program to collect and recycle items that would normally end up in a landfill. We accept cell phones, laser and ink jet cartridges, laptops, MP3's,

PDA's and tablets, readers and notebooks. Items for recycling can be brought to a S.A.V.E. lecture and given to any board member. Recyclable materials can also been dropped off at the S.A.V.E. office in Learning Center Hall (LCH 166) on the campus of Lourdes University.

S.A.V.E. is looking for corporate and business partners who would be willing to accumulate materials and then donate them for recycling. S.A.V.E. would provide a receptacle for the deposit of recyclable items. Pick up can be arranged. If your business would be willing to assist in this effort, please contact the S.A.V.E. office at 419-824-3691.

Toledo Repair Café: Fixing a Broken World



The Repair Café International started in the Netherlands in 2008 and through the efforts of its founder, Martine Postma. Items brought in for repairs include clothing (hemming, buttons, zipper repairs), electrical appliances (lamps, radios, fixtures), bicycles, and jewelry. **All repairs are done by volunteers with the local Repair Café and are free of charge.** Worldwide, it now has over 2,550 locations offering repair services.

Five Saturdays, 10:00 a.m.—2:00 p.m. January 28: Waterville Branch Library February 25: Sylvania City Branch Library March 25: Maumee City Branch Library April 29: King Road Branch Library May 27: Oregon Branch Library

The Toledo Repair Café is a local effort

and is made up of volunteers from local communities of faith, community colleges, and our own Toledo Lucas County Public Library System. S.A.V.E. is represented in this project.

The Healing Power of Green Space

The COVID pandemic taught us many things, one of them the value of green space. Many of us took to the Metroparks or spent more time outdoors, anywhere, to be refreshed and diminish cabin fever after being cooped up indoors for weeks on end. Dogs and dog owners delighted in new daily walking routines. Research has proven that nature has amazing health benefits. Access to green space helps relieve depression and anxiety, stress, healing after surgery—and even before surgery—and more positive outcomes for cancer. The best part is that nature is FREE for the taking!

Hospitals and long-term care facilities are taking positive steps to increase this awareness and are doing something about it by planting trees and adding more green space to their facilities. They are being recognized for their efforts by the Arbor Day Foundation's Tree Campus Healthcare Program.



The Tree Campus facilities must meet certain core standards for recognition. In 2019, 16 facilities were honored. In 2021, this number increased to 31. Core standards required are:

- Having a facility tree care plan.
- Completing a community forestry project.
- Maintaining a tree advisory committee for tree-related decisions.
- Hosting an annual celebratory event.
- Investing \$2.00 per employee for campus trees. (arborday.org)

One such example is Health Bloomington at Indiana University. Green space is everywhere indoors and out. Countless trees, walking trails and a healing garden are part of their facility. On Arbor Day each year, the employees plant a tree together.

In the greater Toledo area, we are fortunate to have the Toledo Metroparks. Kim High at Wildwood Metropark is skilled in Forest Therapy and is available for presentations. Contact Kim through Toledo Metroparks at 419.407.9700.

A Request to Help the Animals

May we ask you - and ask you to ask your family and friends - to contact your U.S. Representatives with this request? **Please co-sponsor the BARK Act, H.R. 5684**.

It will enable retailers to donate, without fear of liability, food (including safe-to consume, recently expired food) and equipment to animal shelters and rescue organizations. Not only will these donations help these organizations stretch their budgets to help even more



animals, the donations will keep millions of pounds of food and equipment from ending up in landfills every year. It's a win-win-win: for animals, the environment, and animal shelters and rescue groups. Thank you so very much.

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Working with the Community

Toledo Metropolitan Area Council of Governments (TMACOG)



For over five years, S.A.V.E. has been an active and contributing member of TMACOG's Natural Resources Assistance Council for District 12 (NRAC/12). Since 2017, S.A.V.E. helped in deciding where Ohio's Clean Water funds are distributed in NWOhio. For the past five years, over ten million dollars were distributed to area non-profit organizations having projects that meet the standards set forth in the Ohio Clean Water Act. In the past, monetary awards went to Oak Openings Metroparks, Howard Marsh on Lake Erie, Swan Creek Preserve, and the Garfield Greenway.

Other committee members include volunteers from the Black Swamp Conservancy, City of Toledo, Lucas Soil and Water, Ohio Landscape & Nursery Association, Ohio Division of Natural Resources – Forestry and The Olander Park System. S.A.V.E.'s addition to the committee brings in a perspective of faith and the shared values associated with it.



Starting in 2023, the NRAC District 12 will have over \$1.1 million to distribute to our area. S.A.V.E. will again be taking part in reviewing various projects seeking to improve water quality in NWOhio.



S.A.V.E. Social Media

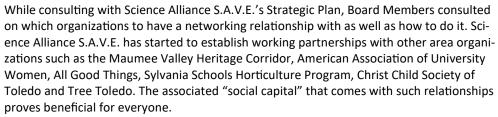
As identified in S.A.V.E.'s strategic plan, new programming was to be considered for the advancement and relevance of the S.A.V.E. organization. Part of the programming's intention was to establish new avenues for the dissemination of S.A.V.E. programs and materials. For over a year now, S.A.V.E. has had an effective website

(www.ScienceAllianceSAVE.org) doing exactly that. Part of the efficiency of this organizational website involves a calendar of events, links to our S.A.V.E. Lecture Video Recordings, and recipients of our annual S.A.V.E. awards.

The Winter-Spring S.A.V.E. Lectures have been entered into the Science Alliance S.A.V.E. website Calendar complete with event location and, for those interested in virtually attending, videoconferencing links to the live presentation. Previously recorded lectures can be reviewed through our Science Alliance S.A.V.E. YouTube app. Want to know what's going on with S.A.V.E.? Go to ScienceAllianceSAVE.org for more information.



Science Alliance Partnerships and Networking Opportunities





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S.A.V.E. announces a new initiative beginning this year (2023). Two high school seniors from NW Ohio and Southeast Michigan will receive a \$500 scholarship to assist with their college/university tuition, books, fees and or any other aspect of their education for their freshman year. An Application Form, 500-word essay, a recommendation letter from an administrator or teacher and proof of college/ university enrollment is required. Anyone may apply regardless of the college/university they are planning to attend. You do not have to be a S.A.V.E. member to apply. See the S.A.V.E. website for details. www.sciencealliancesave.org). Applications accepted beginning February 3, Deadline for submission is April 14, 2023.

Two degrees can change the world forever. One person can make a difference.

YOU..

Welcome to Our New Members!

Riley Holbrook

Dennis Slotnick

Membership Levels

\$10 Student/Senior

\$20 Individual

\$30 Family

\$100 Corporate

\$200 Sustaining Member

Honey & Maple Syrup

Honey and syrup sales as reported by All Good Things Gift Shop on campus indicated a normal volume of activity. Many other venders are selling honey and syrup at higher prices than All Good Things and many have sources that are not local, which makes their products less bene-



ficial. Many people used both these products over the holidays from All Good Things on the college campus. Prices effective January 1st are \$11.00 for honey and \$10.00 for syrup.

Multifaith Council

The Multifaith Council of NW Ohio is another area organization that shares values with S.A.V.E.

S.A.V.E. Board Members decided to make a formal request to the Multifaith Council of NW Ohio to partner together on mutual area challenges and opportunities.

S.A.V.E. is looking forward to collaborative efforts among our partnership organizations. As plans are formalized, more information will be forthcoming.

Membership Renewals

S.A.V.E.'s new fiscal year began Sept. 1, and this is when we request membership dues. Thanks to all who have renewed! For those who have not, **there is still time to send in your renewal**. These dues support S.A.V.E.'s free lecture series and environmental programs and scholarships. Thank you for your support!

JOIN S.A.V.E. TODAY!

Members receive a quarterly newsletter, fliers for upcoming lectures and events, announcements concerning local opportunities, scholarship opportunities and more. Fill out the application on page 12 or <u>submit your application online today!</u>

Paths to a Sustainable Future

A week after mid-term elections, S.A.V.E. hosted *"Paths to a Sustainable Future - Learn How to Use Your Voice, Your Vote.* This second lecture of the series was hosted by Julie Shapiro, a health educator who completed Climate Reality Training, and Stephen Roberts, PhD, a member of the Climate Reality Project of NW Ohio. Both are members of the Citizens Climate Lobby, a National Advocacy group working to pass legislation to reduce carbon emissions.

They shared data tracking **increases** in temperature, greenhouse gases, ocean temperatures, drought, flooding, violent storms, infectious and tropical diseases, deaths, extinctions, mass migration and air and water pollution. Concomitantly, as we approach eight billion humans on Earth, there are **decreases** in crop production, biodiversity, glacial areas, living creature sustainability and habitable spaces.

The statistics of pros and cons are astronomical. and call us humans to face these head-on in the decade ahead as only we can. (This is "Our Great Work" says Father Thomas Berry, a cultural historian and formulator of *The Universe Story*.)

Dr. Roberts indicated several reasons to hope for the future:

- If we had zero carbon emissions, we could decrease the global temperature in 3 to 5 years.
- Wind energy is very powerful, providing a windy region like Texas with free nightly energy.
- In 1976, solar cells cost \$79.00/watt; in 2021, \$.29/ watt.
- In poorer geographic locations, solar is more widely used. People put up a solar panel on their hut or house to run their laptop, whereas in the states we worry about the aesthetics as much as functionality.
- In Australia, one in three houses have solar.
- GM will cut gas powered vehicles by 2035.
- Using hydrogen instead of coal makes stronger steel.
- Carbon storage is possible when solar cannot be collected on gloomy days.
- Concrete + CO₂ makes it very strong.
- A Marine OceanBird vessel can carry 7,000 cars with only wind energy.
- Electric airplanes fly up to 350 miles, but not across the ocean.
- Lithium is not needed to make batteries. Aluminum and sulfur can be used instead.
- Underwater turbines are at the bottom of the ocean and are very powerful generators of electricity.
- More cities and companies have sustainability directors to guide them.
- Individually, we can plant trees to take out CO₂, compost, use less plastic, add LED lighting, and, reduce, reuse and recycle, The most important thing, however, is to contact Congress to keep things moving.

Gifts				
In Memory of Kathryn " In Tribute to Sister Ros	Kitty" Donahue sine Sobczak	Donated by Nancy Simon Donated by Sister Carol Gregory SND		
<i>Did you know</i> You can make a gift to S.A.V.E. in honor of someone? You can make a gift to S.A.V.E. in memory of someone?				
Perhaps you know someone who has done something for the environment and you would like to acknowledge them, or perhaps someone passed away and you would like to memorialize their legacy. Please use the form below. Your donation will be featured in the next newsletter or, if you wish, listed as Anonymous.				
Please mail forms to: S.A.V.E. Office c/o Sr. Rosine Sobczak OSF	SAVE In m	Thank you for your generous gift Enclosed is my gift of \$ memory of		
6832 Convent Blvd. Sylvania, OH 43560 Or email to SAVE@lourdes.edu	 [] In h	Imployer will match my gift. Imployer will match my gift. <td< td=""></td<>		
	Address City Phone E-Mail Addre Please Notify: Name	StateZip Fax ess		
	City	Zip		



UN Sustainability Goals: #13 - CLIMATE ACTION; #3 - GOOD HEALTH & WELL BEING; #11 - SUSTAINABLE CITIES & COMMUNITIES

Tuesday, March 14, 2023 • 7:30 - 9:00 PM Franciscan Center Conference Room A and B

ome see sustainability as the great burden of our time. Dr. Mog sees it as a thrilling chance for humanity to finally get it right and to reorient our attention toward thriving with balance. The reason our past efforts to address environmental, social, and economic challenges have failed or fallen short is precisely because we are not good at solving for multiple problems. But that is precisely what sustainability demands of us. Truly sustainable solutions never address just one challenge, but provide a myriad of co-benefits that make their adoption incredibly attractive. It is our duty to look beyond selfish, short-term, profit-maximizing, one-dimensional solutions that claim to be "green,""socially responsible," or "fiscally prudent" and instead embrace the challenge of identifying and adopting multi-dimensional sustainable solutions that reshape our thinking and help us invest in a common future together.

https://lourdes.zoom.us/j/4084419807?pwd=YnByMHZYT25HSIRxL2U0K3RjdXJsUT09

Meeting ID: 408 441 9807 Passcode: 796896









Dr. Justin Mog, PhD Assistant to the Provost for Sustainability Initiatives, University of Louisville, Kentucky

For more information, contact: Sr. Rosine Sobczak, OSF 419-824-3691 or save@lourdes.edu



S.A.V.E.

Science Alliance for Valuing the Environment, Inc.

Remaining Lectures in the 2022-2023 FREE Public Lecture Series

In-person ZOOM lectures held in the Franciscan Center on the Lourdes University campus at 6832 Convent Blvd. Sylvania, OH 43560

March 14, 2023 7:30 P.M. – 9:00 P.M. (Tuesday) In-person & Zoom "Embracing the Challenge of Sustainability: Reshaping Minds and Investing in our Common Future."

By: Dr. Justin Mog, Ph.D.

Assistant to the Provost for Sustainability Initiatives, University of Louisville, Kentucky.

UN Sustainability Goal #13 Climate Action; #3 Good Health and Well Being, #11 Sustainable Cities and Communities.

For the Zoom Links, do the following.(Zoom links can also be found on the fliers for each lecture.)

- 1. Go to our website: www.sciencealliancesave.org
- 2. Look above the green picture and click on Events.
- 3. Scroll down to Calendar.
- 4. Click on the calendar for month and date of the lecture you wish to link to.
- 5. The Zoom Links are shown. Click on the ZOOM Link and join us for the lecture.

<u>April 11, 2023</u> 7:30 P.M. – 9:00 P.M. (Tuesday) In-person & Zoom "Hope in Transapocalyptic Times: Turbulence, Change and Survival in the 21st.Century."

By: Herman Green, JD, MTh, MDiv, DMin, MA;

Center for Ecozoic Studies in Chapel Hill, NC.

- UN Sustainability Goal #10 Reduced Inequalities and
 - #11 Sustainable Cities and Communities.

Due to the COVID-19 pandemic, SAVE Lecture Series 2022-2023 presentations are following the Center of Disease Control and Prevention (CDC) guidelines and the COVID status in Lucas County at the time of the scheduled lectures. All lectures will be held in-person & on Zoom. Masks and social distancing are encouraged. If there is a change you will be notified. For further information, please contact the S.A.V.E office: 419-824-3691 or e-mail: rsobczak@lourdes.edu.

For the Zoom Links, do the following.

- 1. Go to our website: www.sciencealliancesave.org
- 2. Look above the green picture and click on Events.
- 3. Scroll down to Calendar.
- 4. Click on the calendar for the month and date of the lecture you wish to link to.
- 5. The Zoom Links are shown.
- 6. Click on the ZOOM Link and join us for the lecture.

You can also find the Zoom Links on the fliers we send out announcing each lecture.



S.A.V.E. Membership Application

2022-2023

Membership is from September 1st of current year to August 31st of following year. Please complete the following application and return with your check made payable to S.A.V.E., Inc.

Application may also be completed online at <u>www.sciencealliancesave.org</u>.

Send application and dues to: S.A.V.E., Inc.

Lourdes University 6832 Convent Blvd. Sylvania, Ohio 43560 | Phone: (419) 824-3691

Last Name:	First Name:	M.I.
Affiliation:	Position:	
Address:		
City:	State:	Zip Code:
Phone: (business)	(home)	
Email:	Fax:	
Membership: New 🛛	Renewal	
Types of Membership: Annual I	Dues	
□ Student Member	\$10.00	
Senior Member	\$10.00	
Active/Supporting Member	\$20.00	
☐ Family Membership	\$30.00	
□ Corporate Member **	\$100.00 (please include a camera ready logo)	
Sustaining Member **	\$200.00	
* All members will receive the quart	terly newsletter.	
I would like to help in one of the follo	•	Board Member
-	wsletter	
	cture Series	
Phone Committee	vard Reception & Desse	ert Bullet

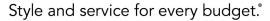
Please help us increase the effectiveness of S.A.V.E activities by becoming involved.

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THANK YOU TO OUR S.A.V.E. SPONSORS

Please support our generous sponsors and let them know you saw them in the S.A.V.E. newsletter! Interested in becoming a sponsor of S.A.V.E.? Contact SAVE@lourdes.edu or 419-824-3691.















Want to see your

business here?

Learn more about

<u>corporate sponsorship</u> <u>on our website</u> or

contact

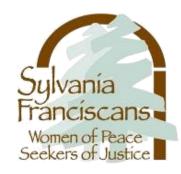
SAVE@lourdes.edu or 419-824-3691.



RIGHT

FINANCIAL GROUP, LLC









S.A.V.E. Inc. 6832 Convent Blvd. Sylvania, OH 43560

Phone: 419-824-3691 Fax: 419-824-3526 E-mail: SAVE@lourdes.edu

An Educational Consortium for Environmental Sustainability

VISION STATEMENT

S.A.V.E. is a catalyst for individual and community action for sustainability.

MISSION STATEMENT

The Science Alliance for Valuing the Environment (S.A.V.E.) fosters a personal awareness and respect for the interrelatedness of ecology, spirituality and sustainability. S.A.V.E. creates formal and informal life-long learning opportunities in collaboration with organizations at all levels — local, national and global. S.A.V.E.'s activities are designed to empower individuals to values-based action for a just and sustainable world.

FIND US ON THE WEB

www.ScienceAllianceSAVE.org



www.facebook.com/SAVEScienceAlliance

S.A.V.E. CALENDAR

January 18, 2023 Meet & Greet with New Board Members February 3, 2023 Open Enrollment Scholarship Applications March 11, 2023

> District 2 Science Day; SAVE Special Judges to attend

March 14, 2023 SAVE Lecture (see attached)

> April 11, 2023 SAVE Lecture

April 14, 2023 Closing Date for Scholarship Applications

Follow S.A.V.E. on Facebook or access S.A.V.E.'s <u>Google</u> <u>Calendar</u> under the Events tab of <u>www.sciencealliancesave.org</u> for an up-to-date events listing.



Did you know?



Giraffes are "social grandmothers." They, like orcas, elephants and humans, spend a great deal of their lives (nearly 30%) in a postmenopausal state to help raise successive generations of offspring. Now, in addition to being the tallest animals on Earth, we can offer them a new title based on our greater understanding. (Great Britain University of Bristol).