



S.A.V.E. NOTES

News from the Science Alliance for Valuing the Environment

VOLUME 31, ISSUE 3

JANUARY 2021

We Are Called to Be Planetary Citizens

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In his 2015 encyclical, *Laudato Si* (“Praise be to you”), Pope Francis calls us to be true to our common home — Earth. He coins the phrase “**integral ecology**,” meaning ecology is environment linked to societal changes.



I taught microbiology for more than 40 years. Viruses were a significant topic of my lectures — small, non-living organisms that spread disease. I would like to expand on the concept of “integral ecology” using COVID-19 as an example.

The virus arrived in the U.S. during winter 2020, and the fact that it likes cold temperatures enabled it to spread faster. It spreads from person to person by respiratory droplets from our nose and mouth, so we wear masks, stay socially distant and wash our hands. Some people become very sick and go to hospitals for care by front line workers, who likewise are affected by the physical and emotional trauma of their workplace, seeing the deaths of so many. The economy is at risk because some people can’t work or have lost jobs. Small businesses are forced to close or are scrambling to keep afloat. School children stay home to study online or do hybrid learning to avoid the spread of the virus. Adults become irritable facing challenges to which children are oblivious. Sports activities are in flux. The “young and the restless” congregate with friends, and may cause societal problems. Travel, relationships, trading, economies all suffer and people suffer spiritual dilemmas, too, asking, “Is this the apocalyptic time?” All this began, in this case, from a small, non-living creature — a coronavirus. The point I am making is that of “integral ecology,” which links environmental and societal changes. When we understand this, we can knock down our “myopic towers,” and consider ourselves as **planetary citizens**. Perhaps this is our transformative time when each of us will hear stirrings in our heart to do just that.

- ◆ Does Lake Erie have a Right to Life and to be a beautiful, clean lake?
- ◆ Does a forest fire in California cause me to be concerned here in Ohio?
- ◆ If Alaska’s wildlife refuge is misused, should I care?
- ◆ If citizens in Uganda face severe drought, does it affect me in some way?
- ◆ Is human trafficking in Toledo or Monroe a cause of concern for me?

The answer for each of the above is: “YES.” In one way or another, they affect us as planetary citizens who live on our planetary home, EARTH.

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

Calling all S.A.V.E. Members and Friends

The S.A.V.E. board is always on the lookout for persons or groups who are doing great things for the environment, making life better for others and all creatures. Be our “eyes and ears” out there to honor others for what they do.

- Do you know someone who is an educator in the formal or informal sense of the word?
- Do you know of a company or group that is doing something extraordinary?
- Do you know of someone who works behind the scenes, an unsung hero/heroine who loves the earth and wants to keep it that way?
- Do you know of an academic institution – elementary, higher ed, college/university that holds the environment throughout its sphere of influence?

Please email save@lourdes.edu with AWARDEE in the Subject line. We would love to hear from you!



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.

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Sr. Rosine Sobczak, OSF

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Charlene Czerniak
Linda Penn

Farewell and Thank You!

Thank you to Jim Minesky for his service to the S.A.V.E. board since August 2017! Jim resigned from the board effective Dec. 31, 2020. He has accepted a full-time offer from the University of Michigan to work in public safety protection at their hospitals and health facilities. We will miss him on the board and wish him well! Jim is still a S.A.V.E. member and hopes to network with S.A.V.E. in the future.



Financial Update

This report covers November and December, 2020. Receipts include several donations from individuals, corporate memberships, a new member and individual membership renewals.

Thank you to those who responded to our postcard membership renewal program. We still have a number of members who have not renewed their membership with dues even after the post card notice. Please consider renewing your membership by paying annual dues. We continue to seek new members and board members, or additional contributions.

S.A.V.E. pays a fee to speakers to provide FREE TO THE AUDIENCE lectures for our Lecture Series. Monies are also awarded to students for excellent science projects in local science competitions and for exceptional efforts in the field of science. The Linda Penn Fund account will be used for specific beneficial purposes in the areas of ecology, sustainability and recycling.



Support S.A.V.E. in style



S.A.V.E. has doggie bandanas for sale as part of our fund-raising efforts. Two different styles are available: red (Love That Dog! Scarf with hearts and bones) and black with tiny white paw prints. The painted scarves are sized for a small- to medium-sized dog and sell for \$7.50 each. They are available for sale by contacting Sr. Rosine at 419-824-3691 or save@lourdes.edu.



Honey & Syrup Sales

We had no sales for the current period due to disruptions caused by COVID-19. All Good Things Art & Gifts continues to provide sales of pure honey (\$9) and maple syrup (\$8) on the campus of the Sisters of St. Francis of Sylvania, which assists with raising funds for S.A.V.E. activities. It is recommended to call the store directly at 419-824-3749 for current hours.

Farewell to Our Furry Friend, Max



The following tribute was submitted by Ashley Breakfield-Ray, Lourdes University graduate and former Lourdes Life Lab Work Study student. Max was a rabbit who made a difference at our S.A.V.E. Santa event and Lourdes Life Lab events.

It is with great sadness that we inform you of the passing of our dear rabbit, Max. He was a true love story. We adopted him from the Toledo Area Humane Society – where he had been returned twice before. We started taking him to nursing homes, schools, events and he was loved on by hundreds of children and adults alike. We often took him around in a

stroller because he was HUGE – all 16 pounds of him! The shelter bunny was once loved on by 50 homeless shelter kids. He read with kids at the library. He proved that spectrum kids can come out of their shell. His Twitter account promoted buying chocolate instead of bunnies at Easter, so other bunnies wouldn't be cast away like he had been.

Many said he was more like a dog than a rabbit – always loving, always willing to welcome a new friend. We estimated him to be 8 to 10 years old and today we opted for him to leave us in dignity rather than continue his decline in health. We love you, Max, and you will fondly be remembered! Thank you for sharing your heart with us!



Networking with Like-Minded Organizations

As part of S.A.V.E.'s strategic plan, the board is working to expand its efforts to network with organizations with a similar mission. In our last newsletter, we reported our conversation with Judy Trautman, chairperson of the MultiFaith Council of Northwest Ohio (MFC) at our September board meeting. We continued our efforts at our November and December meetings.

The Maumee Valley Heritage Corridor

In November, the board had a lively conversation with Frank Butwin of the Maumee Valley Heritage Corridor, which oversees the Maumee Valley Scenic Byway (MVS), one of the 27 scenic byways in Ohio. The mission of the Maumee Valley Heritage Corridor involves promoting the MVS and its cultural, historical, archeological, recreational, natural and scenic resources. The MVS is a nearly 90-mile route, over 7 counties, which begins on the north side of the Maumee River in the City of Defiance at the intersection of State Route 15 and River Drive (CR 424). The byway follows River Road eastward through Napoleon, Waterville and into Maumee to the site of the former British Fort Miamis (an affiliated site of the National Park Service), where it ends. On the south side of the Maumee, the byway starts at Napoleon on State Route 110 and continues on State Route 65 through the historic towns of Grand Rapids, Perrysburg, and Rossford, ending at I-75.

The Islamic Center of Greater Toledo

In December the S.A.V.E. board welcomed Imam Ahmed Deeb of the Islamic Center of Greater Toledo for a very informative discussion on the Islamic approach to care for creation as well as the specific ways that the mosque in Perrysburg is working for sustainability on its campus.

The Imam outlined the six principles that undergird Islamic environmental efforts, as outlined by Ibrahim Addul-Matin, in his book Green Deen: What Islam Teaches about Protecting the Planet. The six principles are *tawhid*, the Oneness of God and the interconnectedness of all subjects of Creation; *ayat*, the idea of signs of God being everywhere including in humanity and nature; *khalifah*, the idea of humans as stewards of the Earth; *amana*, a divine trust for humanity to protect the planet; *adl*, a call toward just use of resources and treatment of Creation; and *mizan*, living in balance with the whole of Creation. The Imam spoke with energy and enthusiasm about what was happening for the environment at the mosque and what they would like to see going forward, from installing water bottle filtration stations to native plantings to future education series and sustainable ideas for future expansion at the Islamic Center.

The S.A.V.E. board members are very pleased with the fruitfulness of these discussions and found many areas for possible collaboration. We will keep you informed of our efforts.

Thank you for supporting Humane Ohio!

Although S.A.V.E.'s annual Santa, St. Francis and the Animals event was cancelled this past December, the animals were not forgotten. Thanks to all who donated to our sponsored organization, Humane Ohio. With the pandemic, there is even a more urgent need for assistance in helping families feed their pets. Humane Ohio pet food bank provides free dog and cat food to those in need. Your contributions are greatly appreciated.



-Sr. Rosine and S.A.V.E. Board

Speaker highlights Rights of Nature movement

The 2020-2021 S.A.V.E. Lecture Series continued with Dr. Michael Metzger speaking on “Appreciative Inquiry and the Rights of Nature Movement in Toledo and the World Over.” The lecture was held virtually Dec. 8 over Zoom.



A recording of Dr. Metzger's presentation may be viewed on YouTube at youtu.be/ORIEd3bhx64.

Dr. Metzger serves as Visiting Professor on the faculty of the School of Business at the University of Michigan in the Department of Marketing, and is also a Faculty Associate with the University of Michigan Center for Latin American and Caribbean Studies. He has served as the Academic Director for several international exchange programs for INCAE Business School, has taught extensively throughout Latin America and consulted for Latin American firms on the implementation of socially responsible business plans and sustainable business practices.

Harvard psychologist Howard Gardner's Theory of Multiple Intelligences identifies those who we are gifted in diverse ways. Dr. Metzger suggested adding to this spectrum the concept of

appreciative intelligence, which calls us to reframe and perceive the potential of something and see how it will unfold.

In 1962 Rachel Carson, author of *Silent Spring*, proposed a model of three things — Ecology, Economy and Equity, or Plants, People and Profits. Using this information, Dr. Metzger highlighted Costa Rica which holds 80 percent of the butterfly and moth species of the world. The country had in abundance what other parts of the world lacked. Selling and shipping these species began as a small industry and grew into one involving 1,000 workers. They saw the potential of marketing something they took for granted, and created a worldwide market for it. Dr. Metzger cited Bolivia and several other places that did the same.

Appreciative inquiry now assists humans to see the full potential of the embryonic **Rights of Nature** movement. Dr. Metzger urged us to teach children and young adults to become environmental activists. He traveled with thirty students to Costa Rica and emphasized stimulating societal change concerning the environment. He taught them that social enterprise, Knowledge of Nature and an environmental vision make up the triangle that calls for achieving a Rights of Nature Law.

At INCAE, he taught sustainable development and competitiveness, stating it is necessary to live within limits and not push an ecosystem into extinction. The Rights of Nature should be highlighted in all our planning, and Dr. Metzger asserted that using nature unlimitedly for our purposes violates nature for the common good. Problems in sustainability must address environmental justice and social justice. Nature has rights, but convincing others is a hard sell. Considering nature as property is akin to enslavement whereas indigenous people respected the land and used it wisely.

Presently in Toledo, the Rights of Nature is a legal framework over the Western basin of Lake Erie, with its advocates hoping to elevate a natural ecosystem to its right-bearing nature. It is a work in progress.



Memorials and Tributes



We mourn the loss of very dedicated S.A.V.E. Members:

Cynthia Marie Petretich
10/13/2020

Dr. Jules Isaacson
11/29/2020

Pat Hanusz
1/3/2021

Did you know that....

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, by honoring them with a donation to S.A.V.E., 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
6832 Convent Blvd.
Sylvania, OH 43560



Thank you for your generous gift

Enclosed is my gift of \$ _____

In memory of _____

In honor of _____

My employer will match my gift.

My spouse's employer will match my gift.

My check or money order is enclosed.

(Please make checks payable to S.A.V.E. Inc.)

Donor: Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-Mail Address _____

Please Notify: Name _____

Address _____

City _____ State _____ Zip _____



2020-2021 FREE Public Lecture Series on ZOOM
NO REGISTRATION REQUIRED

Generating Electricity from Sunlight

*Global, National and Local Perspectives on a
Clean Energy Success Story in the Making*

Tuesday, February 23, 2021 • 7:30 - 9:00 pm
Zoom Meeting

This presentation will cover photovoltaic (PV) technology (status and future directions), describe the status of the PV market, and discuss how a non-profit effort is working to bring solar energy's benefits to low-income Toledo community members.

The speaker, Randy Ellingson received the B.A. degree in physics from Carleton College, Northfield, MN, in 1987, and the M.S. and Ph.D. degrees in applied physics from Cornell University, Ithaca, NY, in 1990 and 1994, respectively. He served as a postdoctoral researcher and senior scientist with the National Renewable Energy Laboratory in Golden, CO from 1994 to 2008.

He is Professor of Physics and a faculty member of the Wright Center for Photovoltaics Innovation and Commercialization at The University of Toledo. The Center focuses on advancing the understanding, performance, and commercialization of photovoltaic materials and technologies. His interests include the development of passivating contacts for CdTe solar cells, as well as nanomaterials synthesis and characterization, optical spectroscopy, and modeling PV system performance.

<https://lourdes.zoom.us/j/88113745821>

Meeting ID: 881 1374 5821 Ph: 301.715.8592



Randy J. Ellingson
Professor of Physics
Ohio's Wright Center for
Photovoltaics Innovation and
Commercialization
(PVIC, <http://www.utoledo.edu/research/pvic/>)
The University of Toledo

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

S . A . V . E . N O T E S



Science Alliance for Valuing the Environment

FREE Public Lecture Series on Zoom

September 22, 2020 7:30 P.M. – 9:00 P.M. **(Tuesday)**

“Climate Solutions: Opportunities for All”

By: Debra Rowe, Ph.D. Faculty, Sustainable Energies & Social Sciences,
Oakland County Community College (Michigan); President - U.S.
Partnership for Education for Sustainable Development.

October 20, 2020 7:30 P.M. – 9:00 P.M. **(Tuesday)** *Rescheduled from spring 2020*

“Trash Talks and Correct Recycling”

By: Adam Cassi, Executive Director for Keep Toledo/Lucas
County Beautiful; Degree in Restoration Ecology.

November 10, 2020 7:30 P.M. – 9:00 P.M. **(Tuesday)**

**“Appreciative Inquiry and the Rights of Nature Movement in Toledo
and the World Over”**

By: Professor Michael D. Metzger, Ph.D., M.A. Stephen M. Ross
School of Business, University of Michigan; INCAE Business School,
LaGarita, Alajueia, Costa Rica.

January 19, 2021 7:30 P.M. – 9:00 P.M. **(Tuesday)**

“Climate Change: Today and Our Future”

By: Chris Vickers, Meteorologist, WTOL/FOX 36.

February 23, 2021 7:30 P.M. – 9:00 P.M. **(Tuesday)** *Rescheduled from spring 2020*

**“Generating Electricity from Sunlight: Global, National, and Local
Perspectives on a Clean Energy Success Story in the Making”**

By: Randy J. Ellingson, Dept. of Physics, University of Toledo
Ohio's Wright Center for Photovoltaics Innovation and
Commercialization.

March 16, 2021 7:30 P.M. – 9:00 P.M. **(Tuesday)**

**“17 United Nations Sustainable Goals; A Blueprint to Achieve a Better
and More Sustainable Future for All”**

By: Arthur Lyon Dahl, Ph.D. President, International Environment
Forum, Geneva, Switzerland

April 13, 2021 7:30 P.M. – 9:00 P.M. **(Tuesday)**

**“Imperiled Natives: Historical Perspectives on the Decline
Conservation of Arctic Grayling and Bull Trout”**

By: Dr. Adam R. Hodge, Associate Professor of History Lourdes
University.

Due to the COVID-19 pandemic, S.A.V.E. Lecture Series 2020-2021 presentations are ZOOM lectures following the Center of Disease Control and Prevention (CDC); ohio.gov; Lourdes University and Sisters of St. Francis guidelines for contact. Due to the uncertainty of the virus at this time, we felt this is the safest way to go forward. For further information, please contact the S.A.V.E. office: 419-824-3691 or e-mail: save@lourdes.edu. It really is not difficult and the S.A.V.E. Office will assist as needed. **PLEASE JOIN US!**

S.A.V.E. 2020-2021 LECTURE SERIES



S.A.V.E. Membership Application

2020-2021

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.

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 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)

* All members will receive the quarterly newsletter.

I would like to help in one of the following areas:

- Membership Newsletter
- Fundraising Lecture Series
- Phone Committee Award Reception & Dessert Buffet

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

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?**

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





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.lourdes.edu/outreach/SAVE



www.facebook.com/SAVEScienceAlliance

S.A.V.E. CALENDAR

Feb. 23, 2021

S.A.V.E. Lecture
(Rescheduled from spring)
“Generating Electricity
from Sunlight”

March 16, 2021

S.A.V.E. Lecture
“17 United Nations
Sustainable Goals”

April 13, 2021

S.A.V.E. Lecture
“Imperiled Natives:
Historical Perspectives”

**See Pages 8-9 for more details
on upcoming lectures.**

**Be sure to follow S.A.V.E. on
Facebook for the latest news
and events!**



S.A.V.E. Seeks Recycling Partners

Do you own a printer? Do you buy ink for that printer? Do they have a printer where you work? The used cartridge from your home or work printer is a resource worth recycling. S.A.V.E. partners with the “Cartridges For Kids” program to collect and recycle items that would normally end up in a landfill. Items accepted for recycling include cell phones, laser and ink jet cartridges, laptops, MP3s, PDAs and tablets, readers and notebooks.



Recyclables can be dropped off at the S.A.V.E. office in St. Agnes Hall, Room 166 on the campus of Lourdes University. In addition to support from “Cartridges for Kids” we also work with Lexmark and Ricoh Corporations and the Toledo Zoo to recycle printer supplies.

S.A.V.E. would like to thank Vision Associates as one of our corporate partners. Vision Associates saves their used toner and ink jet cartridges and donates them to S.A.V.E. for recycling.

We invite other corporate and business partners to accumulate and donate materials for recycling. S.A.V.E. would provide a receptacle for the items and pick up can be arranged. If your business would be willing to assist in this effort, contact the S.A.V.E. office at 419-824-3691.