LEARNSHOPS C - Continued

2:25 – 3:35

C4. Interdependence: Lessons from Disability **Movement Building**

While mainstream American culture emphasizes independence, work-as-worth, and constant breakneck speed, disability culture offers a more sustainable alternative: interdependence, inherent worth, self-care, and adaptability in pace and ways of moving through the world. What can you learn from disability culture? How can you be more inclusive of people with disabilities? An economic justice, racial justice, and disability justice activist and organizer, Dessa Cosma is committed to living her values in how she does her work.

C5. Building True Youth-Adult Partnerships in Communities

If you currently work with (or are looking to work with) youth in schools and communities, this learnshop will help you unlearn adultism and reconnect to the youth experience so that you can support young people in impacting their community. This is a practical approach to facilitating true "Youth-Adult Partnerships."

Bryan Lewis is the Director of Youth Energy Squad, which works with young people and community residents to build power in leading sustainable change in the Detroit community. Bryan's goal is to change the narrative around who young people are, how we share in their growth, and how we as a society recognize and affirm their passions.

C6. Regenerative Continuum

Expanding on last year's "Retro-fitting with Natural Materials," this learnshop will weave together connections to global refugee camps that are integrating permaculture, pattern language, and other skills. These human-scale solutions can be applied here or anywhere. We will share a Regenerative Continuum (evaluation graphic) which will help us to chart progress toward ecological and social regeneration.

Greg Crawford is the Creative Director for an Internationa Design Collective, specializing in Systems Thinking, Integrative Design & Pattern Theory. His current work focuses on regenerating refugee camps in several countries. Deanne Bednar has been involved with natural building and social ecology for decades, and currently coordinates and teaches at the Strawbale Saturday Studio Program outside Oxford, Michigan.



PATRISSE CULLORS

Women of the Movement for Black Lives (FL)

A performance artist and award-winning organizer from Los Angeles, is one of the most effective and influential movement builders of our era. She was a key figure in the fight to force the creation of the first civilian oversight commission of LA's Sheriff's Department, but is most widely

known as one of the three original co-founders of Black Lives Matter and for her recent, best-selling book, When They Call You a Terrorist: A Black Lives Matter Memoir. She will explore: the contributions women have made to the movement for Black live: historically and in the present; the institutional racism that still permeates our society, causing mass incarceration and high rates of maternal mortality in African American communities; and the diverse ways women have been criminalized and have fought back to change the course of history.



How to Change Your Mind: What the New Science of **Psychedelics Teaches us About Consciousness, Dying,** Addiction, Depression and **Transcendence Carbon** MICHAEL POLLAN Farming (FL)

Bestselling author of landmark books such as The Botany of Desire and The Omnivore's Dilemma that have challenged our fundamental civilizational assumptions, Michael Pollan once again bravely ventures where angels fear to tread. His new book How to Change Your Mind surveys the highly controversial terrain of the renaissance of both the science and popular usage of psychedelic substances. As one of our most brilliant and clear-eyed explorers of such topics as plant intelligence and how we feed ourselves, Michael will share his luminous insights from what began as investigative reportage and became a very personal interior journey into the mystery of consciousness and the nature of spirituality at this perilous moment when only a shift in human consciousness can alter the deadly trajectory of our societies.



CONFERENCE REGISTRATION INFORMATION

We are committed to making Great Lakes Bioneers accessible to everyone interested in attending. Our registration fees reflect this. Reduced rates are available for activists, seniors, teachers and students. We have work scholarships for youth (19 and older) and persons with low income. Register on line with payment at www.glbd.org or download registration and mail payment.

Ouestions: (313) 717-6151.

2018 GLBD CONFERENCE REGISTRATION FEES

Early Fees Until Midnight October 19			Late Fees: Beginning October 20	
CATEGORY	2 Day	1 Day	2 Day	1 Day
Regular	\$180	\$90	\$200	\$110
Sr/St/Act	\$110	\$55	\$120	\$65
Teacher	\$90	\$45	\$110	\$65
Chaperone	NA	\$20	NA	\$20
Volunteer *	\$35 + 4 Hrs	\$15 + 2 Hrs	\$35 + 4 Hrs	\$15 + 2 Hrs
Youth	\$10	\$5	\$10	\$5
Scholarships **	4 Hrs	2 Hrs	4 Hrs	2 Hrs
Vendor Table	\$40	Register / pay on line by October 15		
Exhibitor Table	\$20	Register / pay on line by October 15		

REGULAR: a person who can afford full payment **SENIOR:** (55 and over) **STUDENT** (enrolled for nine or more college credits.) **ACTIVIST:** (employed or volunteer for a nonprofit) **TEACHER:** (currently teaching at a public/private school)

CHAPERONE: Any adult assisting at Young Bioneers Day (Friday) *VOLUNTEER: Willing to help at the conference for a discounted fee. **YOUTH:** 7th through 12th grade – Questions: contact: paulacathcart@comcast.net.

**SCHOLARSHIPS: Service exchange (19 years and older) A limited number of service scholarships are available. If interested send an e-mail to: river1143@comcast.net before or by October 19

VENDOR or EXHIBITOR: Register on line or fill out and mail registration form www.glbd.org and pay by check or money order by October 15 University of Detroit Mercy STUDENTS, FACULTY & STAFF may attend conference for free. Help us plan, please register PRIOR to the

OTHER UNIVERSITY/COLLEGE STUDENTS: We can provide a discount via your university/college. Call (313) 717-6151

CONFERENCE REGISTRATION Register and pay on line www.glbd.org. You may also download registration form and mail. Make check or money order payable to EcoWorks with **GLBD** on Memo line.

Mail to: Great Lakes Bioneers Detroit 8425 W McNichols Rd. (LA#238) Detroit, MI 48221

*Registration fees include organic/locally grown lunch/coffee/snacks. Mailed registrations received after October 29 will not be confirmed by e-mail.

You can continue to register online through October 29 or on site at Student Union beginning at 8am any day of the conference.

Cancellations received until October 19 will be charged a 15% processing fee.

Cancellations received from October 20 through 26 will be charged a 20% processing fee. Cancellations received after October 26 will not receive any refund.

CANCELLATION & REFUND POLICY

Although all listed speakers are confirmed at the time of printing, the program is subject to change without notice. We cannot refund registrations because of program changes.



or Earth Justice



Arneshia Austin – University of Detroit Mercy, Engineering and Science Deanna Blevins - University of Detroit Mercy Fitness Center

Paula Cathcart – GLBD Local Programming

Joel Allen Gallihuh – University of Detroit Mercy Public Safety

Clara Gamalski – GLBD Local Programming & Detroit Campus Kitchen Bill Hickey – GLBD Local Programming

Alyssa Jackson & staff – University of Detroit Mercy University Services

Peter Janutol - Printer Akello Karamoko – GLBD Local Programming

Pat Kolon -GLBD Ambiance Erma Leaphart – GLBD Local Programming Chris Ledbetter – GLBD's Graphic Design

Dora Lezovich – GLBD Database and Registration Chrystin Lucas –GLBD Volunteers

Kevin Malaric – University of Detroit Mercy Food Services Jahzara Mayes Otoo – GLBD Local Programming & liaison with University

Sally Morozinski - GLBD's Web Designer Gloria Rivera – GLBD Coordinator

Katherine Snyder – University of Detroit Mercy Dean of Engineering

Julia Sosin – GLBD Local Programming Quentin Turner – GLBD Local Programming

Will Wittig - University of Detroit Mercy Dean School of Architecture

GLBD Conference Presenters 2018 Alvizo, Alondra Southwest Detroit Environmental Vision

alondraalvizo.sdev@gmail.com $Bednar, Deanne\ Strawbale\ Studio\ strawbale.programs@gmail.com$

Bocks, Peggy Great Lakes Educator

Brown, Aaron Strawbale Studio

Brown, Nicole Detroit Future City nbrown@detroitfuturecity.com Castle, Crystal Royal Oak Public Library Butterfly Habitat

Chapman, Robert Michigan Interfaith Power & Light director@miipl.org Cheklich, Diane Michigan Interfaith Power & Light dcc@cheklich.com Chester, Rhiannon Photographer & Facilitator, annons art Political Education Chair, Black Lives Matter Detroit rhiannon.chester@gmail.com Cosma, Dessa Economic, Racial and Disability Justice Activist

Crawford, Greg Strawbale Studio

DessaCosma@gmail.com

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Fang, Clara Citizens' Climate Lobby clara.fang@citizensclimatelobby.org Fialca, Janice Detroit Disability Power Janice.fialka@gmail.com Feldman, Richard James and Grace Lee Boggs Center to Nurture Community Leadership richardfeldman60@gmail.com

Greenberg, Daniel Earth Deeds daniel@earthdeeds.org Grundberg, Ken McMath-Hulbert Solar Observatory

Ken.Grundberg@gmail.com Hagen, Tom McMath-Hulbert Solar Observatory tlhagen@gmail.com Hardy, Galen Zero Waste Detroit zerowaste313@gmail.com Houghton, Jacob Student jacob.houghton98@gmail.com Howell, Sharon James and Grace Lee Boggs Center to Nurture Community

Leadership Howell@oakland.edu Jabara, Josephine World Medical Relief jjabara@worldmedicalrelief.org Landrum, Carrie Dragonflyjourneys.org thepeacebuilder@gmail.com

LeJeune, Nzinga #WaterINJUSTICE nzingalejeune@gmail.com Lewis, Bryan Youth Energy Squad bryan@youthenergysquad.org Madigan, Kate Michigan Climate Action Network/Michigan Environmental

Maitre, Claire Collaborator with Garden Juju Collective clairemaitre06@gmail.com

McLeer, Dorothy Environmental Interpretive Center natrlist@umich.edu Mitra, Rahul Wayne State University, Dept. of Communications rahul.mitra@wayne.edu

O'Brien, Bridget Garden Juju Collective ResilientSpirals@gmail.com Rivera, Gloria Great Lakes Bioneers Detroit river1143@comcast.net nl, Michaelene Dragonfyljourneys.org michaelene@dragontiy Rusinowksi, Susan Rain Gardens to the Rescue srusinow@umich.edu Sparks, Pam Great Lakes Educator sparksbiology@gmail.com Stachowski, Barbara James and Grace Lee Boggs Center to Nurture Community Leadership bstachowski@mac.com

Van Buren, Diane Michigan Interfaith Power & Light dvanburenz@gmail.com Weber, Margaret Zero Waste Detroit mmgweber@gmail.com Willis, Yvonne Rain Gardens to the Rescue willis4196@att.net Woods, Ruby Singer, Songwriter, Poet, Performance Artist racedancer@hotmail.com



Darrell and Alaska Healthy World Fund













14th Annual Great Lakes Bioneers **Detroit Conference**

A Bioneers Pollinators Event

November 2 - 3, 2018

University of Detroit Mercy 4001 W. McNichols Rd. Detroit, MI 48221

What Holds Everything Together? Tools for Living as One Earth Community

Welcome to the 14th Annual Great Lakes Bioneers Detroit Conference!

At the first 2018 Local Program Committee planning meeting the committee reflected on GLBD's vision and mission statement. We pondered the question "What are you experiencing or observing about this time in Detroit, Southeast Michigan and beyond?"

Committee members then brainstormed topics they saw as important to consider, to learn, to share and to celebrate at this 2018 Conference. After several conversations and reviewing the feedback from the 2017 conference, the Local Program Committee prepared the program for this year's conference. We invite you, our conference participants, to bring your answer to this question and allow it to be enriched, deepened or challenged by your conference

This conference will **FOCUS** on: Relationship, Communication, Respect for all Life, The Commons, and Spirituality.

The conference **INTENTION** is to: Engage participants in a learning experience that invites all to explore topics, to develop skills, and to take actions for Living

All Presenters and tour guides have been asked to address one or more of the five FOCUS categories

Our 14th annual gathering is taking place in a new venue and it is 'shorter' than past conferences. We are grateful to collaborate with our new partner, **University of Detroit Mercy**. Volunteers are ready to help all of us find our way easily, so energy can be directed to learning, sharing, celebrating and creating community.

When people come together as a learning community to discover new ways of being and when they share transformative ideas for the sake of the Commons, everyone benefits. When students and teachers attending the conference share their experience with their school, education can flourish. These are some ways we 'Hold Everything Together'!

Paula Cathcart, IHM Conference Local Program Coordinator

Dr. Jahzara Mayes Otto **UDM Liaison**

Detroit, MI 48221



REVOJUTION from the Heart of Nature

Collective Heritage Institute – Bioneers

Conference Schedule at a Glance

8 to 9am Registration - **Student Union** Opening and Welcome (FL)

EDNA CHAVEZ: We are the Future:

Plenary 1- JACQUELINE MARTINEZ

GARCEL: Unleashing the Power of

Plenary 2 - MAY BOEVE: Climate Change

is Changing the World - Now We Too

Plenary 3 – GAR ALPEROVITZ: Why We

Opening Reception & Presentation

Detroit Collaborative Design Center,

Warren Loranger Architecture Building

Love in Philanthropy

Learnshops A

Must Change (FL)

Exhibition Space

Voices of Young Bioneers (FL)

Break/Exhibits/Networking

Need a Next System (FL)

featuring Detroit Mercy's

9:30 to 11:45

11:45 to 1 Lunch (FL) YOUTH (7th to 12th grade) Learnshops (Student Union and 12:40 to 1:50

1:55 to 2:20

ADULTS

1 to 1:50

1:55 to 2:20

2:30 to 3:40

3:45 to 4:10

4:10 to 5:20

5:30 to 7:30

Departure 2:25

9:05

as One Earth Community.

Gratefully,

Gloria Rivera, IHM **GLBD** Coordinator

Great Lakes Bioneers Detroit 8425 W. McNichols Rd. (LA #238)

www.glbd.org (313) 717-6151



Registration, Plenaries, Dining Area and Exhibits: Student Union (Fountain Lounge - FL)

Learnshops: Student Union & Engineering Buildings **Register Online:** www.glbd.org

FRIDAY, November 2 SATURDAY, November 3

8:40

Orientation New Bioneers (FL) **Youth Power and Community Activism** 9 to 10:15 Opening (FL) Panel: Disability Pride: What does

> disability have to do with our community? (FL)

Dessa Cosma, Janice Fialca and Rhiannon Chester - Detroit Disability Power

Registration/Exhibits Student Union (FL)

10:25 to 11:35 Learnshops B Engineering) 11:45 to 1 pm Lunch/ Exhibits/Networking Return (FL)

1:05 to 2:15 Plenary 4 - **JUSTIN WINTERS:** One Earth: Envisioning a Future **Where Humanity and Nature Coexist**

> and Thrive (FL) Plenary 5 – KEVIN POWELL: Redefining

Manhood: A Message to Men, to Boys and to US All (FL) 2:25 to 3:35

Learnshops C Break /Exhibits/Networking 3:35 to 4 Plenary 6 – PATRISSE CULLORS: Women 4:05 to 5:15

of the Movement for Black Lives (FL) Plenary 7 – MICHAEL POLLAN: How to **Change Your Mind: What the New Science of Psychedelics Teaches us** About Consciousness, Dying,

Addiction, Depression and Transcendence (FL)

Conference Closing Ritual

Young Bioneers & Friday Program Attention! 7th - 12th GRADE STUDENTS & TEACHERS Take advantage of this experiential eco-learning opportunity. We welcome groups and individuals to register for the conference. Groups are generally limited to 10 students and a minimum of 2 teachers/chaperones per school or youth

5:15 to 6

FRIDAY, YOUNG BIONEERS DAY **AT GLBD!** Youth Schedule (7th to 12th grades)

Friday, November 2

8am arrival 2:25pm departure 8 to 9 am Registration (Student Union) 9:05

Welcome and sending forth

9:30 to 11:45 11:45 to 12:30 Lunch

Youth Learnshops 12:40 to 1:40 **Prep for Sharing Insights** 1:40 to 1:50

1:55 to 2:20 Youth Presentations (FL) 2:25 Youth departure

Registration fees: \$5 per student (includes tour, lunch

and youth learnshop), \$45 per teacher per day and \$20

per chaperone per day (includes tour, lunch and afternoon program). Other teachers who wish to attend the conference are welcome at the same discount price of \$45 per day. We ask you to follow the Friday adult conference schedule. Teachers will find the entire conference relevant to their work.

How to Register: You can register and pay on line www.glbd.org. Because we can only accommodate 160 students, registration will be on a first registered/PAID first served basis. Once you register you will receive **additional information**. You can register by mail. Make checks payable to EcoWorks with GLBD conference on memo line.

Mail to: GLBD 8425 W. McNichols Rd. (LA #238)

Detroit, MI, 48221. **Questions**: Contact Paula Cathcart paulacathcart@comcast.net

Logistics: Teachers need to seek parental approval and make transportation arrangements to and from the conference. Please do everything you can to have students present for the entire time. Leaving early can disrupt learnshops and student reflections that bring closure to the day.





















FRIDAY, November 2

8 to 9am Registration 9:05 to 9:30 Opening and Welcome **9:30 to 11:45** TOURS

Six tours will be offered Friday Morning. Buses leave promptly @ 9:30. Tours are included in the registration fee. Tour space is limited and will be assigned on a first registered, first served basis. While you travel take time to get to know other people in your tour. Lunch will be available to enjoy on your return. You may want to continue the tour conversation over lunch.

Tour 1. East Side Tour: From growing Our Economy to **Growing Our Souls**

See, feel, and experience the pain of the end of the American Dream, and the birth of a post-industrial, local, sustainable, and self-governing city. You will learn from Detroit's past, and be inspired by place-based community work, education, art, and sustainable energy. Tour stops include: Elmwood Cemetery, the Packard Automotive Plant, the Poletown Plant, Earthworks Organic Garden, Heidelberg Project, Boggs School, and Can Arts. Richard Feldman and Shea Howell are both members of the James and Grace Lee Boggs Center to Nurture Community Leadership.

Tour 2. North End- Fast Forwarded

This tour will focus on taking a closer look at Communications and the Commons. Communications in the North End has changed greatly and as it has changed, we've gained and increased our need to make sure that some of that communications technology remains a part of the Commons.

For the past ten years, Reverend Joan C. Ross has worked in the North End Community of Detroit, providing not only spiritual guidance, but establishing a strategy for regaining equity and building a local, sustainable economy. She has developed community-scale renewable energy projects utilizing both on and off-grid models, and has successfully trained community residents in the areas critical to the current and future needs of her community.

Tour 3. Southwest Detroit Eco-D Neighborhood Tour

This tour will visit key Southwest Detroit Eco-D project sites to show how green storm water infrastructure and beautification projects can help to build community. It will address the importance of the relationship building and communication that were integral to establishing the Southwest Detroit Eco-D Neighborhood. Sarah Clark has worked for Southwest Detroit

Environmental Vision for eight years. She specializes in urban planning and green storm water infrastructure design and installation.

Tour 4. Drew Farm: Growing Healthy Minds & Healthy Bodies

Drew Farm, located in NW Detroit at Drew Transition Center, produces over 20,000 pounds of food per year for Detroit school cafeterias. This tour is a hands on experience that demonstrates how DPS is committed to provide not only fresh, healthy food for students, but also integrates nutrition education, experiential learning, and job training. This is an effort of the district's Office of School Nutrition to create systemic food change, starting with youth and families.

Matt Hargis is with the Detroit Public Schools Office of School Nutrition that operates the two acre Drew Farm. The farm is located in NW Detroit at Drew Transition Center, a DPS school for 18-26 year olds with physical and cognitive impairments.

Metro Detroit

Touring World Medical Relief will give an insight into how one can help people around the world by volunteering to sort previously discarded medical supplies. People of all ages, ethnicities, and religions work side by side to help make a difference. The tour will also make a stop at the world's only pacemaker recycling facility.

Josephine Jabara is affiliated with World Medical Relief, an organization that receives donations of medical supplies and equipment from area hospitals and with the help of volunteers turns this waste into lifesaving products.





Tour 6. Water Is Life

Members of the People's Water Board Coaltion will share various perspectives on One Water for All. This tour will feature the voices of young water warriors from families who experienced water shut offs, toxic water and other related environmental injustices. Participants will have the opportunity to view the inequity of policy decisions from leaders who focus on profits before people. The intersection of race, poverty and the violation of the human right to water will become clear. Solutions for clean, affordable water will be the last stop.

Lila Cabbil and other members of the People's Water Board will be your tour facilitators.

FRIDAY Learnshops For Youth Grades 7 – 12 12:40 to 1:50

Students will participate in ONE Learnshop Y1. The Great Lakes and YOU

Michigan has more shoreline and fresh water than any other state in the nation. As a result, we have a unique

biodiversity. How well do you know our state and its

watershed challenges and opportunities? Come and

Pam Sparks is a lifelong Great Lakes enthusiast and educator. Throughout her career she has been passionate about bringing educational and community development

Y2. Why I Am a Vegan

opportunities to her students.

This learnshop will give participants a basic overview about animal agriculture and how it effects animal welfare, environmental wellbeing, and human rights. You will even be granted the opportunity to meet a live

Jacob Houghton is a full time college student and vegan of six years. In his free time he likes to help others learn about and explore plant-based lifestyles.

Y3. Growing into the Next Generation of Urban

Find your spirituality. This can also be defined as what centers you. Find yourself. The root of your identity is who you are when no one is watching. Find your tribe. Tribes are composed of diverse personalities, not everyone will be like you but everyone will teach you something about yourself, others, and the world you live in.

Alondra Alvizo is a Southwest Detroit native, and is currently Special Projects Coordinator and Field Supervisor with Southwest Detroit Environmental Vision.

Y4. Youth as Climate Solution Leaders

Youth voices speaking out about climate change are very influential. Learn effective communication skills to build relationships with decision makers, helping you deliver a message that protecting The Commons is an urgent matter impacting your generation. Deepen your ability to plan and execute productive meetings, organize others, and provide ideas for meaningful actions that you can ask decision-makers to take.

Elizabeth Dell is a Regional Coordinator with Citizens' Climate Lobby, a non-partisan organization working to pass effective federal climate legislation. She works with 17 chapters across Michigan, as well as chapters in Ohio and Indiana, to build political will for addressing climate

Y5. Facilitating Resilience through Communication, Art, and Story Sharing

Learn to communicate your own stories and listen to each other's stories through writing/journaling, verbally sharing, and representing them through art. Each participant will leave with a toolkit, journal, and inspiration to take with them into their own communities. Amy, Nadia, Sonja, and David Daniels-Moehle's website/ nonprofit -- the Books for Walls Project -- was created to support literacy, libraries, and book love. They seek solutions through story sharing and collaborative art, and have facilitated workshops and community art projects since 2006, including community art for Great Lakes Bioneers Traverse City and at Earthwork Farm.



EASTERN MARKET

{r}evolution ames and Grace Lee Boggs Center to



Birds are global indicator species that help humans measure the ecological health of our planet while enriching our quality of life. Each migratory journey is a leap of faith for the birds as they fly thousands of miles, navigating by the stars, to reach their destinations. Learn more about birds' impact on conservation, followed by an exploratory habitat walk on the Detroit Mercy Campus in search of birds and "bird food."

Dorothy McLeer is the Program Coordinator at the Environmental Interpretive Center at the University of Michigan-Dearborn, where she has been leading field trips for nearly 25 years. She is constantly amazed at the wildlife that surrounds us, particularly the plants and animals living in urban settings.

Y7. Living the Resistance - Rebelling with Love

Identify behaviors we engage in that reinforce separation and destruction from driving cars and using plastic, to screen addiction and poor dietary choices. Once identified, explore real ways we can encourage our government to move toward healthier living patterns. Naim Edwards strives to be his full self by learning as much as he can, serving others, and challenging himself to create a better world. He recognizes the social and cultural value of degrees and full-time employment, but understands that those should not be, and do not have to be, prerequisites for happiness and success in America. He is Director of the MSU Detroit Partnership in Food, Learning, and Innovation, located in the Brightmoor section of Detroit.

FRIDAY Afternoon Program Adults 1 to 7:30

Includes Learnshops A, 3 Plenaries, Sharing with Youth, Break, Networking and opening reception and presentation at Detroit Mercy's Detroit Collaborative Design Center

The plenary speakers you will hear this weekend were recorded when they presented at the Bioneers 29th Conference in San Rafael, CA October 19-21. You can pre-order the DVDs of the session at www.bioneers.org.

1 to 2:20



JACQUELINE MARTINEZ

GARCEL

Unleashing the Power of Love in Philanthropy

CEO of the Latino Community Foundation (LCF), Ms. Martinez Garcel helped create one of the largest networks of civically engaged Latino philanthropists in the country, led highly effective Latino voter engagement campaigns and collaborated with Google to launch the first Latino

Non-Profit Accelerator. The ultimate objective for Jacqueline is to liberate capital and invest in grassroots movements and leaders that will drive us closer to a more just and representative democracy

LEARNSHOPS A

2:30 - 3:40

A1. Earth and Sun: Learn About Our Brightest Star

Learn about the work of two Detroit area scientific pioneers who built equipment to make the first motion pictures of solar activity. This effort culminated in the creation of the McMath-Hulbert Solar Observatory. Reflect on the profound significance of the Earth-Sun

Ken Grundberg is a multi-disciplinary technologist who has patented several power conversion devices. He is founder and champion of Motor City Free Geek. He is currently focused on restoring and preserving the McMath-Hulbert Solar Observatory.

A2. Building and Maintaining Pollinator Habitats

Pollinators play a crucial role in our society. This workshop will teach you the fundamentals of building a pollinator habitat, or if you already have one, ways to improve upon it. You will also learn key concepts to help educate others about the benefits of creating and maintaining pollinator habitats.

Crystal Castle is the coordinator for the Royal Oak Public Library Butterfly Habitat. She has been working for the past seven years with municipalities, schools and neighborhoods to build habitats to combat declining pollinator populations, while educating the public on the importance of pollinator habitats.





LEARNSHOPS A - Continued

2:30 - 3:40

A3. Communication for Sustainable Organizing: **Negotiating with Multiple Stakeholders**

Can competing interests and tensions between diverse

stakeholders be reimagined as productive rather than

obstructive? Try that out on something specific like Enbridge Line 5 contamination in this learnshop. Rahul Mitra is an Assistant Professor in the Department of Communication, Wayne State University. At the Resilient Institutions and Sustainable Environments (R.I.S.E.) Lab that he leads, he examines issues such as community mobilization, stakeholder engagement, and corporate social responsibility for social-ecological resources.

A4. Movement Building Conversations: Toward Feminist Concepts of Labor

This learnshop will begin with a historical overview of the development of patriarchy and its effects on relationship, the development of capitalism, and the destruction of The Commons. Then, we will use Maria Mies's "Feminist Concepts of Labor" as a building block for how to develop sustainable communities of partnership and a return to The Commons.

Barbara A. Stachowski is a board member of the Boggs Center to Nurture Community Leadership. She has worked extensively with Frithjof Bergmann (New Work/New Culture) and traveled to Germany, Austria and Bavaria in 2013 to engage communities developing sustainable economies.

A5. Go GREEN Go BLUE: Supporting Community Driven Green Stormwater Infrastructure

Hear first-hand accounts of how the Land+Water WORKS coalition builds the capacity of Detroit residents to connect with the natural landscape in support of long term sustainability of the city and stabilization of neighborhood via land transformation and storm water management. More importantly, learn how to be an effective part of this movement in your own community. Nicole Brown is a Cohort IV Detroit Revitalization Fellow serving as the Sustainable Landscapes Manager for Detroit Future City (DFC). In her role, Nicole works to equip Detroiters with the tools and resources needed to be land and water stewards.

Break 3:45 to 4:10 (FL) Plenaries 2 & 3 – 4:10 to 5:20 (FL)



Climate Change is Changing the World – Now We Too Must Change Executive Director of 350.org will share

her eagle's-eye perspectives on the current state of the climate struggle. She'll illustrate 350.org's learnings and strategies moving forward, including

ways of learning about and incorporating justice and equity. She'll illuminate pathways our species must take to keep 80% of known fossil fuel reserves in the ground and radically accelerate the shift to 100% clean energy.



Gar Alperovitz, co-founder of the Democracy Collaborative and co-chair of its Next System Project, will show how we can begin to build together for the systemic change we need to save both GAR ALPEROVITZ democracy and the planet. As a political economist, author, former legislative

Why We Need a Next System

director in the House and Senate, nonprofit innovator and scholar, Gar will share breakthrough models for communitybased political-economic development and new institutions of community wealth ownership. He'll highlight local, state and national policy approaches to community stability in the era of globalization that really work and can spread widely.

Friday 5:30 to 7:30

Opening Reception & Presentation featuring Detroit Mercy's Detroit Collaborative Design Center - Warren Loranger Architecture Building, Exhibition Space.

The Detroit Collaborative Design Center (DCDC) is a multi-disciplinary, nonprofit architecture and urban design firm at the University of Detroit Mercy School of Architecture dedicated to creating sustainable spaces and communities through quality design and the collaborative process. Since 1994, the DCDC has worked with well over 100 Detroit nonprofit organizations, community groups, and philanthropic foundations towards fulfilling its mission. Several members of the DCDC staff will present an overview of the firm and several recent projects, and an exhibit of selected projects will be on display.

Contact: Will S. Wittig, AIA Dean & Professor wittigw@udmercy.edu 313-993-1532

SATURDAY, November 3

Registration and Exhibits (Student Union) Orientation for those new to Bioneers (FL) 8:40 Opening and Panel (FL) 9 to 10:15

10:25 to 11:35 Learnshops B 11:45 to 1pm Lunch/Exhibits/Networking

Panel (FL) Disability Pride: What does disability have to do with our community?

Panelists: Members of Detroit Disability Power: Dessa Cosma, Janice Fialca and Rhiannon Chester will share and reflect their experience on this topic.

LEARNSHOPS B

10:25 - 11:35

B1. Recycling in the Dumps?

Recycling programs are challenged by the closing of the "China Sword" -- the market for many US recyclables, particularly plastics. The potential even exists for ending recycling programs, greatly limiting them, or returning to disposal instead of recycling. This workshop will explore possible solutions to this current dilemma, from personal practices to structural changes, including essential elements for success.

Margaret Weber is a resident of Detroit for over 40 years, and convener of Zero Waste Detroit since 2007.

B2. #WaterINJUSTICE -- Strategies for Water Accountability

The new Short Film "Where the Water Runs" is a social media campaign and call to action. It's also an opportunity to dialogue on community strategies to fight for clean water policy with independent media and clean water accountability policy. Since "Water is Life," participants will also discuss how community can ensure water affordability and hold legislators accountable for sustaining life.

Nzinga LeJeune is from Detroit, MI. Her work involves activism for water rights, education reform, and building Independent Freedom Schools. She writes Africancentered curriculum for children, and is the producer of the documentary-short titled #WaterINJUSTICE.

B3. Gleaning, Foraging, and Gardening for Survival

Gleaning, foraging and gardening are traditional practices, but they are being rediscovered, redesigned & reapplied. Creatively explore the many wild foods, relationships, and resources that can be both literally & metaphorically harvested.

Bridget O'Brien & collaborators draw together passion, experiences, and skills in horticulture, conservation, indigenous land management, regenerative practices, permaculture design, and Eco psychology.

B4. A Ritual of Oneness

Through meditation, story sharing, movement, and song we will meet each other, fully present, authentically, and strive to reach that place where we intersect as one. Use of the Authentic Storytelling Game will allow for healing and creativity, and will assist individuals in reclaiming personal

Ruby Woods is a singer, songwriter, poet, and ritual performance artist. She creates a sacred space by sharing Circle songs, Goddess Chants, and original songs.

B5. Communicating Climate Change in a Skeptical

Learn how to communicate about climate change across the spectrum, whether your audience is liberal or conservative, young or old, urban or rural. Learn how to share vour concern with those who do not see climate change as a concern. Then find out how you can put your values into action by building political will for a climate solution that both Democrats and Republicans support. Clara Fang is the Higher Education Outreach Coordinator for Citizens' Climate Lobby.

B6. Funding Solar Energy for Congregations and Nonprofits

Many people belong to faith communities that profess a strong Care for Creation ethic and would be open to adopting clean energy technology such as solar, but they assume the initial cost is an insurmountable barrier Learn how congregations in Michigan and around the country have taken action to surmount that first cost hurdle. This is an innovative example of local, socially responsible investing. Participants leave with a network of practitioners and a guide to becoming a champion for clean energy in their own faith community.

Bob Chapman is the director of Michigan Interfaith Power & Light, a nonprofit. Bob will be co-facilitating with Diane Cheklich, a Detroiter who has personally invested in helping a local congregation get solar panels for their church with no upfront money from the congregation.

SATURDAY Afternoon

1:05 to 2:15 Plenary 4 & 5 **2:25 to 3:35** Learnshops C

3:35 to 4 Break/Exhibits/Networking **4:05 to 5:15** Plenary 6 & 7

5:15 to 6 Conference Closing Ritual



JUSTIN WINTERS

One Earth: Envisioning a **Future Where Humanity and Nature Coexist and Thrive**

Justin Winters explains the three goals humanity needs to achieve by 2050: Transform our energy systems to 100% clean, renewable energy; Protect, connect and restore 50% of

our lands and seas; and Shift to regenerative, carbonnegative agriculture globally. At the heart of this effort is a new map of the world called the Global Safety Net, which shows what the world could look like if we achieve these three goals. This vision of a world where both nature and humanity coexist and thrive can only be achieved if activists and communities around the world are connected and strengthened with the resources and solutions to make this global transformation a reality.



Redefining Manhood: A Message to Men, to Boys and to US All

In this brutally honest and provocative talk, Kevin Powell offers his own life journey to illustrate how we can transform our concepts of manhood. Raised by a single mother in the inner city, Kevin's rites of passage were typical of many heterosexual

males: sports, violence, and viewing women and girls as mother figures or sexual objects, and nothing more. This view of women and girls exploded when, in his early 20s, he pushed a girlfriend into a bathroom door during an argument. Decades later, thanks to years of therapy, study, healing, and a commitment to growth and change, Kevin has become a solution-oriented writer, activist and speaker seeking to re-define manhood around nonviolence, peace, love, healthy self-expression, and as an ally to women and people of all gender identities.

LEARNSHOPS C

2:25 - 3:35

C1. Healing Through Connecting in Family Constellations

"Family Constellations" is a powerful and transformative healing modality that heals through connection - connection with ancestors who came before us, exploration of entangled relationships and their ripple effects, communication with others on a soul level, and the transformation of our relationship systems on a spiritual plane. Experience it for yourself.

Carrie Landrum is a professional facilitator and educator at the University of Michigan, where she facilitates restorative practices. She is also co-creator of DragonflyJourneys.org which is one of the few places in Michigan to facilitate the powerful and unique healing modality known as "Family Constellations."

C2. How Does Nature Hold Everything Together?

Nature uses 10 unifying patterns that are elegant and amazing! Take this opportunity to explore at least 5 of these patterns and apply this wisdom to your lives, work,

or organizations. For the past fifteen years Gloria Rivera, IHM has served as coordinator of Great Lakes Bioneers Detroit. One of her many interests is Biomimicry. She loves any opportunity to share what Nature is teaching her.

C3. Local Solutions to Global Warming: Onsetting vs. Offsetting

Carbon offsetting, while a prominent system to account for our unavoidable impacts, is plagued by inefficiencies, and a lack of trust. Learn about an alternative called "onsetting", which enables funding to support local and meaningful sustainability projects and empower the millions of people and projects working now to create a positive future for all life.

After 13 years with the non-profit Living Routes, Daniel Greenberg started a new social venture called Earth Deeds, which offers online tools for individuals and groups to "onset" their unavoidable CO2 emissions and support meaningful sustainability projects.







