

**Unit Name: Justin Mog, Sustainability**  
**Self-Assessment of 2020-2021 Goals**

2020-21 GOALS	UNIT ASSESSMENT
<b>LEARN</b>	
Orient new Sustainability Council Chair & new Provost	<ul style="list-style-type: none"> <li>- Helped orient new leadership to UofL's sustainability initiatives (in the past, present, and future).</li> <li>- Strategized with them around new directions and objectives, including management of the Kroger Scholars Program.</li> <li>- Recognized with a Student Champion Award from Provost and President in June 2021.</li> </ul>
Strengthen cross-institutional relationships with peers	<ul style="list-style-type: none"> <li>- Co-organized and participated in two summer 2021 colleague retreats: 7/9/21 Kentucky Sustainability Coordinators Summit; and 7/12-14/21 Southeast Sustainability Directors' Network.</li> <li>- Participated in ACC Sports Sustainability coalition and charter development process fall 2020-spring 2021.</li> <li>- Co-facilitated networking sessions for Sustainability "Offices of One" at the 2020 and 2021 conferences of the Association for the Advancement of Sustainability in Higher Education (AASHE). Facilitated participation of UofL students, faculty, and staff in the virtual AASHE conferences.</li> <li>- Served on year-long Climate Crisis Action Plan Task Force for Bernheim Arboretum &amp; Research Forest.</li> <li>- Assisted Florida State University with the launch of their sustainability across the curriculum faculty development program, sharing the model and lessons learned from UofL's Green Threads Program.</li> <li>- Hosted March 2021 visit and tour with sustainability presentation for staff from University of Cincinnati.</li> <li>- Hosted November 2021 visit &amp; community gardens tour for grad student &amp; faculty delegation from University of Kentucky College of Medicine Graduate Certificate in Applied Nutrition and Culinary Medicine.</li> <li>- Hosted December 2021 UofL Bikeshare program tour for sustainability staff from Trevecca Nazarene University in Nashville.</li> </ul>
<b>WORK</b>	
Implicit Bias training	Organized and participated in the Sustainability Council's first Anti-Racist Training Series: 6/16/21 Implicit Bias; 9/15/21 Engaging Difficult Dialogue in the Classroom (and Beyond); 10/20/21 Being Anti-Racist
Continued professional development in sustainability	Participated in 2021 Global Conference on Sustainability in Higher Education and dozens of professional webinars hosted by AASHE, CURC, PLAN, IEN, and others throughout the year.
<b>INVEST</b>	
Comprehensive university-wide sustainability assessment	<ul style="list-style-type: none"> <li>- Completed annual greenhouse gas emissions report on time (May 1st), documenting an incredible 35% reduction in carbon emissions since 2008.</li> <li>- Began process of data-gathering for university's fifth STARS Report in early 2022 to document that UofL remains the most sustainable school in KY.</li> </ul>
Complete sustainability planning process	Oversaw Sustainability Council's process of Climate Action Planning (first Plan revision since 2010), development of UofL's first Sustainability Plan, and a comprehensive Zero Waste planning processes in partnership with the Post-Landfill Action Network (PLAN). All three plans are to be finalized by July 2022. Applied to Second Nature for \$10,000 grant for pro bono technical assistance with Climate Action Planning.

## Unit's Major Accomplishments in 2020-2021

- President Bendapudi re-signed the Carbon Commitment, pledging that UofL would continue onward in its march toward carbon neutrality by 2050.
- Joined the Post-Landfill Action Network (PLAN), hosted three PLAN fellow students and produced a comprehensive Zero Waste Audit (Atlas Stage 1) and Strategic Vision for Zero Waste. Achieved an overall Zero Waste score of 58.2% and was ranked #7 in PLAN's first annual list of Top 10 Zero Waste Campuses in the United States. Also hosted a Students Taking on Oil & Petrochemicals (STOP) Fellow through PLAN.
- Launched new partnership with Employee Success Center to offer spring and fall sustainability Learning Cafés: "Five Ways You Can Live Green While Working Remote" and "Ethical Purchasing." Launched new partnership with Get Healthy Now to offer three sustainability HRTalks Wellness trainings each semester – fall 2021 schedule: "Simple steps to going green," "Active Transportation" and "Plant-Based Diets."
- Launched new Dual Credit program with JCPS to offer college-credit SUST101 courses for high school students interested in majoring in Sustainability.
- Launched a UofL Sustainability TikTok account @uoflsustainable.
- Reopened the UofL Free Store in new, convenient location in SAC near Cardinal Cupboard and hired new student staff to operate the store.
- Finished relocating the Garden Commons out of the way of the new Belknap Residence Hall to high-visibility location at Strickler Hall, with greenhouse and rain barrels reinstalled at Urban & Public Affairs Garden. Offered weekly workdays and monthly workshops at the Garden.
- Installed a new campus apiary, solar generator systems, and building aquaponics system at UofL Community Composting Project to offer educational opportunities around beekeeping, renewable energy, and fish farming.
- Sustainability Council's Internship program greatly expands to two dozen interns working in 13 different project areas, including two entirely new positions: Ethical Purchasing Intern, Campus Apiarist, EcoReps Interns, Renewable Energy Intern, Aquaponics Intern, and Sustainability Living-Learning Community Coordinator.
- Relaunched the annual Cards Commuter Challenge in Fall 2021. From Aug. 30 – Sept. 30, participants logged 1,094 trips on foot, bike, bus, or car/vanpool, covering 11,246 miles, preventing 8,137 pounds of carbon pollution, saving \$5,505, & burning 101,600 calories.
- Awarded Josh Smith Memorial Sustainability Award for community partners to Shauntrice Martin in 2021 and Shane Tedder in 2020.
- Achieved "Coolest School" in Kentucky ranking from Sierra magazine in both its 2020 and 2021 Cool Schools rankings. In 2020, UofL ranked in the Top 100 "Coolest Schools" (out of a record large pool of 312 colleges & universities surveyed) with a rank of #97 (65.79 pts.).
- Featured in the Princeton Review's 2021 & 2022 Guide to Green Colleges. In 2021, UofL received a nearly perfect Green Rating of 97 out of 99, representing an increase in our rating of 88 in 2018.
- Achieved Tree Campus USA status from the Arbor Day Foundation for 11<sup>th</sup> straight year.
- Reconvened the UofL Bicycle Advisory Committee and submitted data to League of American Bicyclists for recertification as a Bicycle Friendly University.
- From May through September, Team UofL pedaled a total of 24,840 miles on 1,871 rides, with 478 bike commutes preventing 2,083 pounds of carbon pollution during the 2020 National Bike Challenge, co-sponsored by Get Healthy Now and UofL's Sustainability Council. In 2021, Team UofL increased participation, pedaling 36,689 miles on 2,333 rides, including 2,850 miles of bike commuting that prevented 1,831 pounds of carbon pollution. Justin Mog finished as the 7th Top Commuter in the nation with 1,677 miles of bike commuting over 123 days.
- In the 2021 Campus Race To Zero Waste, UofL finished #1 in the ACC, #2 in the state, and #21 in the nation, with an overall Recycling Rate of 45.6% during the 8-week competition. After rolling out a new customer-facing composting collection in UofL Dining, UofL continued to improve our dominance in composting, finishing 1st in Kentucky and 15th in the country in the Food Organics category. In the all-important Waste Minimization

category, UofL improved our performance from 2020, finishing 2nd in the state, with total waste production down to just 18.32 lbs/person over 8 weeks.

- Radically increased participation and recognition in Ecolympics during spring 2021, with eight weekly winners receiving a unique sustainability-themed prize pack, the Grand Prize winner pedaled home on a Cardinal-colored folding bicycle, and all winners received an experiential prize on Earth Day 2021 - an insider's sustainability tour of UofL's LEED Gold Student Rec Center, including a climb up to the roof to see the solar water heaters.
- Secured grant funding for Anthropology's Engaged Ethnography Lab to launch a new research project called "Campus Sustainability, Community Context: Applied Ethnographies to Advance Stewardship at UofL." Both undergraduate and graduate students are engaging with the objective to better understand the relationship between students, staff, administrators, and faculty within sustainability initiatives at UofL. This research examines the engagement, efficacy, and impact of campus actors within various programs.
- Launched Anchor Mission Initiative workgroup to explore and facilitate new ways to encourage local purchasing, cooperative incubation, and support for minority-owned businesses. One year later, UofL Procurement releases new policy to support Minority- and Women-Owned Businesses.
- UofL selected for U.S. Department of Energy efficiency program and for participation in the 2021 Solar Decathlon Middle East.
- UofL contracted for over 15% of its electricity needs from new 125-megawatt solar facility planned for western Kentucky.
- Hosted the Ohio River Basin 2020 Summit: "Bridging Visions to Protect Our Health, Economy and Environment in the Ohio River Basin" with the Ohio River Basin Consortium for Research and Education (ORBCRE) and the Ohio River Basin Alliance (ORBA).
- Integrated sustainability into new virtual Student Orientation for both 2020 and 2021, including a "Choose Your Topic" Sustainability module featuring a new five-minute, student-produced and student-voiced video about sustainability on campus and how to get involved.
- Relocated Sustainability Living-Learning Community to take over the entire sixth floor of Louisville Hall, including the Model Green Dorm Room.
- Secured a \$1500 A&S Mentored Undergrad Research Grant for work to develop a new Sustainability Culture and Literacy Assessment survey piloted in summer 2021 as project for Sustainability Council's three STARS Interns.
- Sustained corporate relations, securing grants of \$2000/year from Republic Services & WestRock Recycling to fund Zero Waste Internships, \$1000/year from VWR and \$5000/year from Louisville Water Company for sustainability initiatives, and \$10,000/year from Kroger for Zero Hunger | Zero Waste initiatives. Participated in annual "Raise Some L" day of giving to raise funds for the Green Fund for UofL.

## **Diversity, Equity and Inclusion (DEI)**

- Launched the Sustainability Council's first Anti-Racist Training Series, inviting active participation from all members of the Council and its Committees (students, faculty, and staff): 6/16/21 Implicit Bias; 9/15/21 Engaging Difficult Dialogue in the Classroom (and Beyond); 10/20/21 Being Anti-Racist.
- After training series, surveyed Council members for their ideas on how we can contribute to advancing UofL's Anti-Racist Agenda.
- Met with CODRE Executive Committee 11/22/21 to discuss collaboration with Sustainability Council.

## New Goals for 2021-22

2021-22 GOALS	STRATEGIES & TACTICS What strategies and tactics will you implement to achieve this?	MEASUREMENT How will you know if you've been successful?	UNIT ASSESSMENT <i>[Leave this column blank until next year]</i>
<b>LEARN</b>			
Continue offering paid Sustainability Internships for engaged learning	<ul style="list-style-type: none"> <li>- Recruit additional supervisors from across the university (perhaps tied to a new Faculty Fellows or Green Threads program?).</li> <li>- Secure funding through Climate Action Plan and corporate grants.</li> </ul>	Exit interviews with interns to evaluate impacts and identify areas for improvement.	
Continue offering one-time Sustainability Engagement opportunities through programming	<ul style="list-style-type: none"> <li>- Task interns with developing programming.</li> <li>- Support others who wish to offer sustainability programming.</li> </ul>	Attendance, related social media postings, and traditional media coverage.	
Continue offering year-round Sustainability Engagement structures through Sustainability Roundtable, Living-Learning Community, EcoReps Program, Garden Commons, Free Store & Community Composting Project	<ul style="list-style-type: none"> <li>- Proactively recruit incoming freshman (including Kroger Scholars) to live in the Sustainability Living-Learning Community.</li> <li>- Collaborate with Tamara Sluss, Brian Barnes, and interns to develop a robust, consistent schedule of enriching opportunities.</li> </ul>	Attendance, levels of participation, related social media postings, and traditional media coverage.	
Continue offering Green Threads Faculty Workshop and expanding number of sustainability courses	<ul style="list-style-type: none"> <li>- Employ new recruitment strategy for encouraging co-teaching of Global Climate Crisis-themed courses in multiple disciplines.</li> </ul>	Number of applicants and participants; Levels of satisfaction indicated; Number of new sustainability-inclusive courses offered.	
<b>WORK</b>			
Integrate Sustainability in common new employee onboarding	<ul style="list-style-type: none"> <li>- Add sustainability highlights to the campus tour.</li> <li>- Create monthly Sustainability 101 training module</li> </ul>	Number of participants in monthly trainings and feedback from them.	

Offer sustainability professional development & training	<ul style="list-style-type: none"> <li>- Maintain partnerships with Get Healthy Now and HR to offer regular Learning Cafes co-facilitated by others.</li> </ul>	Number of participants in monthly trainings and feedback from them.	
Facilitate information sharing and collaboration for sustainability across units/departments/disciplines	<ul style="list-style-type: none"> <li>- Maintain/update Sustainability website and social media platforms.</li> <li>- Empower and assist Green Unit Teams for Sustainability (GUTS) reps from each academic unit.</li> <li>- Maintain regular meeting schedules of Council and all of its Committees and Task Forces.</li> </ul>	Evidence of increased collaboration and action around sustainability.	
<b>INVEST</b>			
Submit data for triennial STARS rating from AASHE.	<ul style="list-style-type: none"> <li>- Keep STARS Interns on track and fill data holes where necessary.</li> <li>- Stick to deadline of March 1st.</li> </ul>	<ul style="list-style-type: none"> <li>- Increase in STARS score from 2019.</li> <li>- Press coverage of new rating.</li> </ul>	
Finalize Climate Action Plan Revision & Sustainability Plan	<ul style="list-style-type: none"> <li>- Reconvene Planning Task Force in spring 2022 to finish work.</li> <li>- Request help of a budget person from Provost's Office to develop a reasonable new budget proposal.</li> </ul>	<ul style="list-style-type: none"> <li>- Adoption of new plans by UofL Leadership Team.</li> <li>- Additional funding allocated for sustainability.</li> </ul>	
Participate in Raise Some L & Wise investment of Kroger Zero Hunger   Zero Waste Funding	<ul style="list-style-type: none"> <li>- Better highlight the uses of funds through social media and traditional press coverage.</li> <li>- Recruit more faculty, staff, and student L-Raisers.</li> </ul>	<ul style="list-style-type: none"> <li>- Increases in dollars raised and number of donors.</li> <li>- Feedback from Kroger reps.</li> </ul>	