Council Members Present (via Zoom):
Carlo Colella — Vice President & Chief Administrative Officer (Chair)
Scott Lupin — Assoc. Director, Environmental Safety, Sustainability & Risk; Director, Office of Sustainability
Kelley Bishop — Assistant Vice President, Division of Student Affairs
Maureen Kotlas — Executive Director, Environmental Safety, Sustainability & Risk
Susan Corry — Director, Engineering & Energy
Bryan Quinn — Director of Technical Operation, Department of Electrical & Computer Engineering
Eric Wachsman — Director, MD Energy Innovation Institute; Professor, Materials Science & Engineering
Mark Addy — Acting Director of Network and Infrastructure Services, Division of IT
Stephanie Lansing — Professor, Environmental Science & Technology
Giovanni Baiocchi — Associate Professor, Geographical Sciences
Jennifer Hadden — Associate Professor, Government & Politics
Laura McBride — Graduate Student Representative
Nina Jeffries — Undergraduate Student Representative

Guest Attendees:
Mike Aziz — Consultant, Partner at Cooper Robertson
Kris Phillips — Director, Facilities Planning
Rebecca Arnold — Senior Campus Planner, Facilities Planning
Charles Grody — Hydraze; Alumnus, University of Maryland
Sabrina Labold — Undergraduate Student, Sustainability Fund Review Committee

Meeting start time: 10:30am

Meeting Highlights

Welcome
Carlo Colella welcomes all Council members and guest speakers to the meeting. Mark Addy from the Division of Information Technology is welcomed to the Council, replacing David Cooper in his retirement.

Facilities Master Plan — K. Phillips, R. Arnold, M. Aziz
This presentation by Kris Phillips, Rebecca Arnold, and Mike Aziz outlined the process and goals for updating the university’s Facilities Master Plan (Appendix A). While Master Plans do not relate to policy change, commit to development timelines, or explicitly design buildings, they identify and attempt to address the needs of campus over a specific period. The consultancy involved – Cooper Robertson – has worked with many universities. They will use the 2022 Strategic Plan: Fearlessly Forward to better understand the next steps for the UMD. Working with a collective of partnered organizations (including Barringer, Kimley Horn, etc.), Cooper Robertson and the UMD Facilities Master Plan Review Committee aim to complete the project in 18 months.
After the overview, Kris Phillips and Mike Aziz asked the Council to provide comments and thoughts on topics and discuss campus priorities moving forward. Example comments include:

- Improve mobility and transportation systems, increasing the infrastructure and safety of pedestrians, scooters, and bikes while also developing zero emissions vehicle infrastructure
- Prepare for increasingly strict stormwater management and address concerns relating to the preservation, management, and health of the watershed
- Increase consistency and access to composting and recycling bins on campus, promoting responsible waste management at all levels
- Identify opportunities to implement faculty research into campus operations, for example, introduce carbon sequestration, offsets, and renewable energy project ideas to campus
- Create a cohesive landscape experience, highlighting the intrinsic ties between design, planning, landscape architecture, and construction
- Plan for energy conservation within legacy buildings and aim to reduce energy demands in new, high energy intensity buildings

**Sustainability Fund Proposals – N. Jeffries**

Nina Jeffries presented to the Council on the Sustainability Fund budget and proposals (Appendix B). In addition to the proposals discussed in the previous meetings, the Sustainability Fund Review Committee is recommends funding for two additional proposals:

- **Empowering Students Through Sustainability:**
  - This project requests funding for a one-year pilot to extend student programs, leadership development, and coalition building. The fund proposal includes seven paid internships, stipends for student ambassadors, and matches wage minimums for RHA, County, and State. The proposal included many letters of support from various departments but does not indicate long-term funding support.
  - The Council **unanimously approved** this project proposal.

- **MaryPIRG Sustainability Advocates Program:**
  - This project requests funds to support programming, stipends for UMD student interns, and staff salary contributions at an external advocacy organization to pilot a new initiative focused on students building leadership skills and connecting sustainability to advocacy, environmental justice, and other topics. The Sustainability Fund Review Committee does not recommend providing any funding toward salaries for the campus organizer and state level director positions; the Committee does recommend offering funding for programmatic costs and UMD student stipends contingent on the requirement that MaryPIRG secure funding for the two external staff positions from another source and providing documentation to the Office of Sustainability by September 1st, 2022. Nina Jeffries was not involved with developing or submitting this project proposal, but as a student member of MaryPIRG she decided to excuse herself from voting on it."
  - The Council **tabled this discussion until the next Council meeting.**

**Open Forum –**

Adjourn 12:30 pm

**Appendices:**

*Appendix A: Facilities Master Plan Presentation*

*Appendix B: Sustainability Fund Projects (April 2022)*
AGENDA

1. INTRODUCTIONS
2. FACILITIES MASTER PLAN OVERVIEW
3. SUSTAINABILITY COUNCIL TODAY
4. DISCUSSION
WHAT IS A MASTER PLAN AND WHY HAVE ONE?

- Supports and **advances the university’s strategic goals and objectives** in a managed and coordinated way
- Serves as the **guide / framework for the future physical development** of a campus
- Identifies opportunities for **connection to surrounding communities**
- Recommends **potential project phasing**
- **Meets the requirements of University System of Maryland (USM)** to update the plan every five years
- Institutes **good planning practice**
WHAT A MASTER PLAN DOES NOT DO

• Establish **policy** of the university

• Commit the university to a **development timeline**

• **Design individual buildings**

• ** Guarantee approval** of project site or **preclude other campus sites** from being considered as new campus needs arise

• Address issues **beyond campus land ownership**
2011 MASTER PLAN (2011-2030)

Major Completed Building Projects

<table>
<thead>
<tr>
<th>#</th>
<th>NAME</th>
<th>TYPE</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prince Frederick Hall</td>
<td>Aux</td>
<td>2014</td>
</tr>
<tr>
<td>2</td>
<td>Edward St. John Learning And Teaching Center</td>
<td>Acad</td>
<td>2017</td>
</tr>
<tr>
<td>3</td>
<td>A. James Clark Hall</td>
<td>Acad</td>
<td>2017</td>
</tr>
<tr>
<td>4</td>
<td>The Hotel at The University of Maryland</td>
<td>Non Acad</td>
<td>2017</td>
</tr>
<tr>
<td>5</td>
<td>Brendan Irby Center</td>
<td>Acad</td>
<td>2018</td>
</tr>
<tr>
<td>6</td>
<td>Calo Student Activities Building</td>
<td>Acad/Aux</td>
<td>2021</td>
</tr>
<tr>
<td>7</td>
<td>Pyon-Chen Hall</td>
<td>Aux</td>
<td>2021</td>
</tr>
<tr>
<td>8</td>
<td>Johnson-Whittle Hall</td>
<td>Aux</td>
<td>2021</td>
</tr>
<tr>
<td>9</td>
<td>7401 Baltimore Ave</td>
<td>Admin</td>
<td>2021</td>
</tr>
<tr>
<td>10</td>
<td>E. A. Fernandez Idea Factory</td>
<td>Acad</td>
<td>2022</td>
</tr>
<tr>
<td>11</td>
<td>School Of Public Policy</td>
<td>Acad</td>
<td>2022</td>
</tr>
<tr>
<td>12</td>
<td>Yahiahamit's Dining Hall</td>
<td>Aux</td>
<td>2023</td>
</tr>
</tbody>
</table>

Major Renovations & Acquisitions

<table>
<thead>
<tr>
<th>#</th>
<th>NAME</th>
<th>TYPE</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Greek House 171 Phi Sigma Sigma</td>
<td>Aux</td>
<td>2012</td>
</tr>
<tr>
<td>14</td>
<td>Greek House 176 Alpha Phi</td>
<td>Aux</td>
<td>2012</td>
</tr>
<tr>
<td>15</td>
<td>Pocomoke Building</td>
<td>Non Acad</td>
<td>2013</td>
</tr>
<tr>
<td>16</td>
<td>Seneca Building</td>
<td>Admin</td>
<td>2014</td>
</tr>
<tr>
<td>17</td>
<td>Severn Building, Acquired, Not Shown</td>
<td>Non Acad</td>
<td>2016</td>
</tr>
<tr>
<td>18</td>
<td>Cambridge Hall</td>
<td>Aux</td>
<td>2016</td>
</tr>
<tr>
<td>19</td>
<td>H.J. Patterson Hall (Wing 1)</td>
<td>Acad</td>
<td>2016</td>
</tr>
<tr>
<td>20</td>
<td>Artemisia Building</td>
<td>Acad</td>
<td>2016</td>
</tr>
<tr>
<td>21</td>
<td>Cypress Building</td>
<td>Acad</td>
<td>2016</td>
</tr>
<tr>
<td>22</td>
<td>Dorchester Hall</td>
<td>Aux</td>
<td>2018</td>
</tr>
<tr>
<td>23</td>
<td>Chemistry Building</td>
<td>Acad</td>
<td>2021</td>
</tr>
<tr>
<td>24</td>
<td>Elliott Hall</td>
<td>Aux</td>
<td>TBD</td>
</tr>
</tbody>
</table>
COOPER ROBERTSON OVERVIEW

43 Years in Practice, Founded 1979

HIGHER EDUCATION EXPERTISE

- Strategic Planning
- Master Planning
- Framework Planning
- Academic Programming
- Public Realm Design
- Design Guidelines
- Building Design

Ohio State University

Harvard University, Allston Campus

University of Miami

George Washington University
46 colleges and universities where we have completed master plans & buildings

36 cities in which we have completed higher education projects

9 of the 15 best value colleges in the United States

8 of the 10 top universities in the United States

3 of the 5 top public schools in the United States

2 of the 5 most innovative schools in the nation
OUR TEAM

UMD Knowledge + National Experience

- **18** UMD Building and Planning Projects
- **13** Big 10 Universities
- **98** R1 Universities

![Diagram of team members and their roles]
2022 STRATEGIC PLAN

- **Multidisciplinary collaboration** and innovative learning
- Engaged and **impactful research and curricular innovations**
- Leverage location to *advance policy that addresses “grand challenges”*
- **Civic engagement** and **project-based experiences** for students
- Strategic **research partnerships**
- Social justice through **relationship building and community partnerships**
AN INNOVATIVE & STRATEGIC FRAMEWORK FOR DEVELOPMENT

ADDRESS CURRENT & FUTURE INSTITUTIONAL GOALS

ENHANCE INSTITUTIONAL & COMMUNITY CONNECTION

BUILD UPON CONTINUITY & UNIQUENESS OF PLACE
PROCESS

Phase 1: Assessment

Spring '22 - Summer '22

Phase 2: Draft Plan Development

Fall '22 - Winter '23

Phase 3: Final Plan + Approval

Spring '23 - Summer '23
Organize and coordinate communications, data, and work flow.

Final Master Plan approval

Review work and provide direction at significant milestones

Organize and coordinate communications, data, and work flow

Input and feedback through:
- Recurring Meetings
- Open Forums

Input and feedback through:
- Focus Groups
- Project Website
- Charrettes / Townhalls
- Community Meetings
- Listening Sessions

Faculty, Staff, Students, External Stakeholders
BROAD & INCLUSIVE ENGAGEMENT

- Website
- Social Media
- Online Surveys
- Open Forums
- Interviews
- Guided Tours
and will attract top faculty, students and interested humanities and will enhance UMD's national profile. Strategic investment will continue in the arts and created, and new opportunities realized.

that paradigms are changed, new knowledge is natural and social sciences. It is at such intersections being asked to enhance and provide insight into the university. Increasingly, the arts and humanities are and synergies that have brought distinction to the college. This proximity has allowed for collaboration scholarship through their placement within a single which we deliver the stories and ideas that express our humanity. UMD has long had a distinctive and identity and excellence. The humanities provide the critical tools and analyses that document what it

D. Arts and Humanities

E. Athletics

University of Maryland

The Big Ten leads all other athletic conferences in the record 30,000 applications for freshman admission. Already seen an increase in recruitment of students, with a and significantly increased our national visibility. We have not envisioned in 2008 as a result of UMD's entrance into growth. This collaboration has greatly expanded in ways collaborating with faculty and encouraging student athletics play a significant role in the life of the university, Though formally outside the academic enterprise, athletics

F. Greater College Park

0 2,000 Feet

PRINCETON COLLEGE PARK

Prince George's County, the city and private developers to reshape the surrounding development in the state. UMD's research and innovation plays a major role in

A core mission of Maryland's flagship institution is to support economic

© 2017 University of Maryland
UMD SUSTAINABILITY COUNCIL

- Advises the President, the Office of Sustainability, and the campus community about sustainability issues

- Review and endorsement of a wide-range of campus projects

- Recommends sustainability projects and initiatives

**Goal Framework**
- Carbon Neutrality
- Education for Sustainability
- Local and Global Impact
- Smart Growth
- Sustainable Water Use
- Waste Minimization

*We must continue our academic leadership in research, education and service relative to climate science, sustainability and environmental stewardship of our natural resources. I challenge our faculty to become leaders in developing solutions to one of the grand challenges of our time... We all must become climate ambassadors.*

--- President Pines, April 21, 2021

October 15, 2021 Sustainability Council Meeting Minutes
DISCUSSION

- Which campus sustainability projects and initiatives are most relevant for the Master Plan?

- With respect to sustainability, what are the most desirable Master Plan metrics of success?

- What aspects of this FMP effort provide the greatest opportunities to realize sustainability goals from the University’s Strategic Plan?

- What are the most pressing sustainability opportunities and challenges that exist within the campus’s legacy buildings?

- What are key opportunities and potential challenges to sustaining progress in the “New Normal”?
FMP Project Contacts:
Kris Phillips, UMD, Director of Facilities Planning: kphilli5@umd.edu
Rebecca Arnold, UMD, Senior Campus Planner: rarnold2@umd.edu
Mike Aziz, Cooper Robertson, Partner: maziz@cooperrobertson.com
### Sustainability Fund Budget for FY22

<table>
<thead>
<tr>
<th></th>
<th>Revenue</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY22 Revenue*</td>
<td>$330,000</td>
<td>Sustainability Mini-Grants</td>
</tr>
<tr>
<td>FY21 CarryForward*</td>
<td>$17,641</td>
<td>Carbon Offsets for Carbon Neutral Undergrad Commuting*</td>
</tr>
<tr>
<td>FY22 Working Budget*</td>
<td>$347,641</td>
<td>Grants Issued to-date</td>
</tr>
<tr>
<td>FY22 Total requested</td>
<td>$632,586</td>
<td>Today's Grant Recommendations</td>
</tr>
<tr>
<td>FY22 Requests still pending</td>
<td>$0</td>
<td>Remaining Balance if recommendations are *</td>
</tr>
</tbody>
</table>

*Estimated
Projects Recommended for Funding

1. Empowering Students Through Sustainability Engagement and Leadership

1. MaryPIRG Sustainability Advocates Program
Empowering Students Through Sustainability Engagement and Leadership

Requested: $49,887.00

SFRC recommendation: $49,869

Summary: 1-year pilot to expand student sustainability engagement programs. Planning on creating paid intern positions to support a network of peer educators and student facilitators. Goals are to lead more in depth training, leadership, professional development, and service learning.

Submitted by: Tanvi Gadhia, Office of Sustainability
Empowering Students Through Sustainability Engagement and Leadership

- One-year pilot from July 2022 - June 2023
- Students partnering with OS have voiced demand and interest in sustainability-centered coalition building, leadership development, civic engagement and environmental justice
- Originally ~$15,000 for incentives - upped student hourly wage and reduced $ for incentives
  - straw set, utensil set, or donation towards tree planting offsets to tree planting, cooking class, Terp Farm visit, or lemonade from Green Dining
- Support letters from Res Life, DFSL, DS, and SCOOP advisor
## Empowering Students Through Sustainability

<table>
<thead>
<tr>
<th>Type</th>
<th>Notes</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership Development Budget:</td>
<td>Ambassador Stipends, challenge course, workshop supplies, environmental justice tour</td>
<td>$11,864</td>
</tr>
<tr>
<td>Incentives</td>
<td>Lemonade from Green Tidings Food Truck, Bus Trip to Terp Farm, Plant Forward Cooking Class, or donation to tree planting</td>
<td>$8,128</td>
</tr>
<tr>
<td>Intern Wages (full year)</td>
<td>Resident Engagement Intern (DRL) Green Greeks Intern (DFSL) Leadership Development Intern (OS) Student Sustainability Network Intern (OS) Communications Intern (OS) Staff Sustainability Intern (OS) Outreach Events Intern (OS)</td>
<td>$28,950</td>
</tr>
</tbody>
</table>
MaryPIRG Sustainability Advocates Program

Requested: $70,541

SFRC recommendation: $20,800

Summary: Funds to support creating paid Sustainability Advocates positions focused on helping students to build leadership skills and be effective environmental organizers.

Submitted by: Glin Brower, undergraduate student and MaryPIRG Students Treasurer
MaryPIRG Sustainability Advocates Program

- students want:
  - more connections with the broader activism and sustainability community
  - more professional development opportunities for students interested in these career paths
  - environmental justice, energy, plastic waste, and clean water
- Consulted with MaryPIRG members, SGA Sustainability Committee, Sustainable Oceans Alliance, NAACP, YDSA, and PLUMAS
- 40 students trained, 500 students volunteer/attend an event, 5,000 students do a grassroots action
## MaryPIRG Sustainability Advocates Program

<table>
<thead>
<tr>
<th>Type</th>
<th>Notes</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Stipends</td>
<td>program will include 5-10 lead students who will each get a stipend in recognition of additional work and supervisory responsibility</td>
<td>$20,000</td>
</tr>
<tr>
<td>Trips to sites/organizations in the DMV area</td>
<td></td>
<td>$800</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$20,800</strong></td>
</tr>
</tbody>
</table>

- Cut campus organizer, guest speakers, state director, and operating costs
- Contingent upon proving they secured funding for the two staff positions by September 1st
SFRC for Next Meeting (maybe?)

- **Offsetting Undergraduate Commuter Emissions**
  - After university decided to offset air travel, SGA directed SFRC to offset undergraduate commuting emissions
  - SGA set spending at $50,000-$60,000*
  - In 2020: average price $2.95
  - In 2021: average price $5.59
  - Co-benefits

- **Bylaw Adjustment Consideration**
  - SGA and RHA passed resolutions supporting the SFRC’s recommendation to increase the student sustainability fee
  - RHA suggested a few bylaw changes