The purpose of this disclosure is to document and identify new innovations, inventions, technology, or innovative business ideas developed by members of the Wayne State community including faculty, staff, and students. This form is an important document, and is intended to help us meet our government reporting obligations and to provide a means of determining commercial potential and assessing intellectual property protection.

*Submit this form directly to inventionDisclosures@wayne.edu. It will be acknowledged with a received date only when submitted via the link above.* Please do not submit this disclosure without all required signatures (page 6).

Students/non-employees – stop after completing page 7 and submit document. Faculty/staff should complete the Memorandum of Understanding document (pages 8-10) and the Royalty Division Agreement (page 11) prior to submitting document.

1. **Title of Invention/Technology/Innovation/Idea**

2. **Contact Information**
   Please include each submitter substantively involved with the invention/technology/innovation/idea and a brief description of their role. Students submitting in their field of study must include faculty advisor as a submitter. Final inventors for any patent will be determined by the law firm at the time of patent filing. Fill in the name in appropriate table below with a few words regarding their role in the invention/technology/innovation/idea and complete the detailed contact information on the last two pages of this document.

<table>
<thead>
<tr>
<th>SUBMITTER NAME</th>
<th>ROLE IN THE DEVELOPMENT OF THE INVENTION/TECHNOLOGY/INNOVATION/IDEA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBMITTER NAME</th>
<th>ROLE IN THE DEVELOPMENT OF THE INVENTION/TECHNOLOGY/INNOVATION/IDEA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   (b) **Non-WSU affiliated submitters:**

<table>
<thead>
<tr>
<th>SUBMITTER NAME</th>
<th>ROLE IN THE DEVELOPMENT OF THE INVENTION/TECHNOLOGY/INNOVATION/IDEA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. **External Collaborations**
   Do any WSU affiliated submitters have joint appointments or other external affiliations with an obligation to assign or disclose inventions?
   If yes, please list external institutions (example VA)

   Yes [ ] No [ ]
4. Provide a narrative description of the invention/technology/innovation/idea. What is novel or unexpected? Please provide sufficient technical detail to convey a clear understanding to the extent known at the time of disclosure.

(a) Does the invention/technology/innovation/idea involve a new process or method, composition of matter or device, software or combination?

(b) Does the invention/technology/innovation/idea involve a new use, or an improvement of an existing product or process?

(c) Describe the product/services that are expected from the development of the invention/technology/innovation/idea.

5. Give the approximate date or period of time when the invention/technology/innovation/idea was conceived.

6. Please provide the location and type of any University laboratory records and/or data available related to the invention/technology/innovation/idea. Give reference numbers and physical locations, but do not enclose.

7. What is the stage of development of the invention/technology/innovation/idea? E.g., still in conceptual/idea stage, functioning prototype, fully developed product? Please explain.
8. **What is the market opportunity for the invention/technology/innovation/idea?** Please describe the market, potential customers, and unmet need or problem/solution it addresses.

   (a) How is the need currently being met and/or any known alternative solutions or competitive products? Describe the commercial market in which the invention/technology/innovation/idea would compete.

   (b) Please identify major industry players (if known).

   (c) What advantages does the invention/technology/innovation/idea possess over existing or emerging technologies?

   (d) Has any commercial interest been shown to date? Please identify companies, with contact name, email, or phone number, if known to you.

   (e) Are you interested in forming, or have you formed, a company to commercialize this technology?

---

9. **Public Disclosure**

   “Published” or “publicly disclosed” means dissemination of information to members of the public about the invention, or otherwise making such information available to or accessible by members of the public. It includes publications, oral presentations, posters, meeting abstracts, reports, public lectures, new releases, distribution to commercial company (or companies) without restriction, Internet and social media posts, online databases, etc. “Publically disclosed” also includes releases via an app store or other download website.

   Has the invention/technology/innovation/idea been published or publicly disclosed?
   
   (a) If yes, please state the date, place and circumstances of any public disclosures pertaining to the invention/technology.

   (b) If no, please provide any information regarding future public disclosure plans (possible dates).
Pertaining to software, are there any current or future plans to publish in a journal that requires Open Source?

Yes ☐ No ☐

If yes, please state the date, place and circumstances of the disclosure.

---

10. Manuscripts/Public Use

Do you have a draft manuscript?

Yes ☐ No ☐

Has a manuscript been submitted for publication?

Yes ☐ No ☐

Has a manuscript been accepted as of this date?

Yes ☐ No ☐

Has a manuscript published?

Yes ☐ No ☐

If yes, provide details if not noted above.

---

Is there any planned offer for sale, sale or public use of the invention/technology/innovation/idea?

Yes ☐ No ☐

If yes, please provide additional detail (including dates).

---

Has the invention/technology/innovation/idea already been offered for sale, sold or used publicly?

Yes ☐ No ☐

If yes, please provide additional detail (including dates).

---

11. Funding

Was the work that led to the invention/technology/innovation/idea sponsored or otherwise funded or supported in whole or in part by another organization or the government?

Yes ☐ No ☐

If Yes, please identify in the blanks below, all sources of public or private funding (e.g., contracts or grants from federal or state agencies, foundations, public or private organizations or industry).

(a) Title of Government Agency: ____________________________

Grant/Contract No.: ____________________________

Principal Investigator: ____________________________ Phone: ____________________________

(b) Name of Industrial Sponsor: ____________________________

Grant/Contract No.: ____________________________

Principal Investigator: ____________________________ Phone: ____________________________

(c) Other sponsor(s): ____________________________

Grant/Contract No.: ____________________________

Principal Investigator: ____________________________ Phone: ____________________________
12. **Resources**

Did you use proprietary materials owned by another organization to make this invention/technology or under for example any materials shared under a Material Transfer Agreement (MTA) or data use agreement?  

*Examples of proprietary materials: confidential information, biological materials such as cell lines, transgenic animals, vectors, or genetic sequences, chemical compounds, data and software or computer source code.*

If yes, please attach a copy of the documentation or agreement, which covered the transfer of such material to you or the University.

During the course of your work on this invention/technology, were you or any of the WSU investigators listed above salaried with, or employed by, any organization or entity that may have a right to this technology?  

If yes, please attach a statement of particulars.

13. **Please specify the nature of University Support (including salary, funds, facilities, services and/or equipment. Identify any applicable internal WSU funding programs (e.g. TDI, MTRAC) that have supported the invention/technology.**
WSU Faculty and other Employees, please do not submit this disclosure without department/dean signatures as appropriate or without the signatures of all persons named as WSU submitters in item 2. Students may submit without approval signatures [or with signature of faculty adviser if related to field of study].

<table>
<thead>
<tr>
<th>NAMES</th>
<th>SIGNATURES</th>
<th>DATE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBMITTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHAIR OR DEPARTMENT HEAD (Need all if multiple departments)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHAIR OR DEPARTMENT HEAD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEAN or VP (Need all if multiple departments)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEAN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SUBMITTER INFORMATION

To facilitate potential payments to investigators, maintenance of the Technology Transfer Office database and to ensure the accuracy of legal documents, please supply the following information.

*Home address and citizenship is necessary to comply with certain patent office requirements.

1. Name __________________ Citizenship: ___________ If not U.S. citizen
   Indicate visa type: ____________________________
   and check the following: ___Nonresident alien ___Resident alien
   Job Title or
   Student Status __________________________ Degree ___________________________
   Department __________________________ Division ___________________________
   WSU Address __________________________ Phone ___________________________
   Home Address __________________________ Phone ___________________________
   E-mail __________________________

2. Name __________________ Citizenship: ___________ If not U.S. citizen
   Indicate visa type: __________________________
   and check the following: ___Nonresident alien ___Resident alien
   Job Title or
   Student Status __________________________ Degree __________________________
   Department __________________________ Division __________________________
   WSU Address __________________________ Phone __________________________
   Home Address __________________________ Phone __________________________
   E-mail __________________________

3. Name __________________ Citizenship: ___________ If not U.S. citizen
   Indicate visa type: __________________________
   and check the following: ___Nonresident alien ___Resident alien
   Job Title or
   Student Status __________________________ Degree __________________________
   Department __________________________ Division __________________________
   WSU Address __________________________ Phone __________________________
   Home Address __________________________ Phone __________________________
   E-mail __________________________

4. Name __________________ Citizenship: ___________ If not U.S. citizen
   Indicate visa type: __________________________
   and check the following: ___Nonresident alien ___Resident alien
   Job Title or
   Student Status __________________________ Degree __________________________
   Department __________________________ Division __________________________
   WSU Address __________________________ Phone __________________________
   Home Address __________________________ Phone __________________________
   E-mail __________________________

NON-WSU SUBMITTER INFORMATION

<table>
<thead>
<tr>
<th>Investigator(s)</th>
<th>Home Address</th>
<th>Email</th>
<th>Citizenship</th>
<th>Phone No.</th>
<th>Non-WSU Institution/Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students/Non-Employees: stop here and submit document. Faculty/Staff: continue to complete pages 8-11 and submit document.
MEMORANDUM OF UNDERSTANDING

WHEREAS, the Wayne State University (herein “University”) Board of Governors’ (herein “Board”) July 11, 1984, Patent Policy Statute provides authority for establishing relations between the University and University inventors, and

WHEREAS, INVENTORS (herein “Inventors”), seeks the University’s support in assessing patentability and if warranted filing a patent application(s) for their Invention(s) developed with use of the University’s facilities and/or other University support, and

WHEREAS, the Inventors are mindful of the need to make arrangements for the assessment and filing of a patent application(s) for the subject invention(s), in order to secure patent rights, if appropriate, on a timely basis, and

WHEREAS, the University’s chief executive officer, in whom the Board has vested authority and responsibility for the University’s general management and operations, has delegated to the undersigned representative of the University’s Technology Commercialization group the authority to act in his stead in matters relating to the administration of patents, and

WHEREAS, the University and the Inventors recognize the necessity to act without undue delay in assessing and potentially securing patent protection in these regards, and

WHEREAS, the interests of the parties are enhanced by adoption of this agreement,

NOW, THEREFORE, the parties hereto agree that the Inventors hereby assign to the University all their right, title, and interest in and to the subject invention(s) and all corresponding right, title, and interest in intellectual property including patent(s) which may issue with respect to same, and concerning which the University has undertaken the obligation to meet administrative and legal costs; and the parties agree that the University will authorize the expenditure of University resources reasonably necessary to meet the legal and administrative costs and expenses of managing the subject matter of this agreement;

1. Any funds, including, but not limited to, royalties, licensure fees, and proceeds of sale, which are paid to the University by virtue of its proprietary interest in the subject intellectual property, will be distributed so as to reimburse the University for all costs associated with patent assessment, development, application, and licensing, with the remainder of any such funds to be divided between the University and the Inventors according to the following formula:

<table>
<thead>
<tr>
<th>NET INCOME</th>
<th>INVENTORS</th>
<th>DEPARTMENT</th>
<th>UNIVERSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to $10,000</td>
<td>75%</td>
<td>15%</td>
<td>10%</td>
</tr>
<tr>
<td>Next $90,000</td>
<td>50%</td>
<td>15%</td>
<td>35%</td>
</tr>
<tr>
<td>Next $900,000</td>
<td>40%</td>
<td>15%</td>
<td>45%</td>
</tr>
<tr>
<td>Over $1 Million</td>
<td>35%</td>
<td>15%</td>
<td>50%</td>
</tr>
</tbody>
</table>

2. All funds to which the Inventors will be entitled, pursuant to the provisions of this Memorandum of Understanding, will be distributed to them at the next bi-annual royalty distribution by the University based on the date of receipt thereof by the University;
3. The University will provide the Inventors with an annual accounting, and the Inventors may have
access to examine the records of the subject account during normal business hours;

4. The undersigned representative for the University’s Technology Commercialization group has
present authority to commit University resources necessary to assess the Invention and, if
warranted, secure the subject patent, and said commitment is hereby made;

5. The parties agree to act in good faith, mindful of their mutual and respective interest, and carry
out the provisions of this Memorandum of Understanding;

6. As holder of exclusive rights in the subject invention, the University will exercise reasonable
judgment in the management of said invention and patent rights pertaining thereto, and the
University will make reasonable efforts to consult the Inventors concerning events and decisions
that impact on the subject matter of this agreement;

7. Failure of the University to expend reasonable efforts to license or otherwise secure commercial
benefits with respect to any invention subject to this agreement within twenty-four (24) months
following issuance of any corresponding patent will result in transfer of ownership of the
invention to the Inventors; and,

8. The provisions of the Wayne State University Patent Policy Statute, adopted July 11, 1984, are
adopted in full as though set forth herein, and said provisions are considered binding on the
parties, other provisions of this Memorandum notwithstanding.

FURTHER, the University administration will use its best efforts to secure whatsoever Board
authorization and approval is necessary for the University to carry out the terms of this
Memorandum of Understanding.

Wayne State University

Date: ________________   By: ________________________________
Lindsay Klee
Senior Director for
Technology Commercialization

Witness

Date: ________________
Inventor

Witness

Date: ________________
Inventor

Witness
Date: ___________________  ___________________________________

Inventor

___________________________________

Witness

Date: ___________________  ___________________________________

Inventor

___________________________________

Witness
WSU ROYALTY DIVISION AGREEMENT

The undersigned, WSU employees who participated in this technology development, do hereby agree to the following division of royalty distribution as between and among ourselves, after having made reimbursement payments for costs and expenses consistent with the Wayne State University Patent Policy and proportionate to our respective contributions:

<table>
<thead>
<tr>
<th></th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
</tr>
<tr>
<td></td>
<td>%</td>
</tr>
<tr>
<td></td>
<td>%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

IN WITNESS WHEREOF, we have here to set our hand and seal on this _____ day of ________________________, 2023.

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

_______________________________   ______________________________
Name       Witness

WSU File No.:  