



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 1a

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and Early Learning Institute, LLC Option for Non-Exclusive Copyright License Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an non-exclusive copyright license agreement with Early Learning Institute, LLC consistent with the term sheet now presented to the Board of Trustees for its inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Early Learning Institute, LLC, in which Michigan State University faculty members, Dr. Joshua Plavnick, Erica Weber, and staff member Kathryn Colaluca hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

A non-exclusive copyright license agreement for the use of “Licensed Materials” (curriculum, manuals, training modules, assessment tools, and digital media).

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Early Learning Institute, LLC.

Source of Funds:

\$5,000 one time license fee for use of Licensed Materials for two current sites plus a \$5,000 fee for any additional site set up in the future.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	Early Learning Institute, LLC, a Michigan for-profit company located in Michigan
Project Description:	A non-exclusive copyright license agreement for the use of "Licensed Materials" (curriculum, manuals, training modules, assessment tools, and digital media) created for the MSU Early Learning Institute program. The materials will be used for the development, delivery, and support of early-intervention educational, behavioral, and therapeutic programs for autistic children and related neurodivergent learners
Term:	Commences on the Effective Date and continues unless terminated. MSU may terminate upon 30 days notice for uncured material breach; Licensee may terminate at any time upon written notice.
Financial Terms:	\$5,000 one time license fee for use of Licensed Materials for two current sites plus a \$5,000 fee for any additional site set up in the future.
Services Provided:	By MSU to company: Grant of a non-exclusive, non-transferable, royalty-bearing license to use, reproduce, display, and distribute Licensed Materials within the U.S. Territory for sites they operate. By company to MSU: Provision of annual written updates on program activities and material usage.
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Limited Liability Company (LLC); Territory defined as the United States.
Personnel Interest:	Dr. Joshua Plavnick, Professor, Kathryn Colaluca, Administrative Assistant III and Erica Weber, Outreach Specialist, all from the Department of Counseling, Educational Psychology and Special Education have an ownership interest in Early Learning Institute, LLC.



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MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 1b

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and Lonewolf Audio, LLC Service Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with Lonewolf Audio, LLC. consistent with the term sheet now presented to the Board of Trustees for its inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Lonewolf Audio, LLC, in which Michigan State University staff member Drew Hill holds a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

Lonewolf Audio, LLC will provide post-production audio services for recorded conversations and lectures that examinees listen to before answering questions.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Lonewolf Audio, LLC.

Source of Funds:

MSU Department of English will compensate Lonewolf Audio, LLC \$20,000 upon receipt of services.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	Drew Hill/DBA Lone Wolf Audio, LLC
Project Description:	Lone Wolf Audio, LLC will create high-quality audio for the English Language Center's english language exams that are administered in Europe.
Term:	Services will be provided for the fall of 2026 and the fall of 2027.
Financial Terms:	A payment of \$20,000 is due upon receipt of services.
Services Provided:	By MSU to company: None By company to MSU: Lone Wolf Audio, LLC is providing post-production audio services for recorded conversations and lectures that examinees listen to before answering questions.
Use of University Facilities/Personnel:	None.
Organization Type and Domicile:	Michigan Limited Liability Corporation
Personnel Interest:	Drew Hill, Office Coordinator in the Department of Forestry, has an ownership interest in Lonewolf Audio, LLC.



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MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 1c

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and Gantec, Inc. Exclusive License Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an exclusive license agreement with Gantec, Inc. consistent with the term sheet now presented to the Board of Trustees for its inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Gantec, Inc., in which Michigan State University faculty member Joe Affholter holds a financial interest.

Prior Action by BOT:

An option agreement was approved during the December 15, 2023, Board of Trustees meeting.

Responsible Officers:

Shashank Priya, Vice President for Research Innovation

Summary:

An Exclusive License Agreement for the following technology is presented to the BOT for approval:

- TEC2019-001: Vaporization of Lignocellulosic Biomasses from Food Process Industry Wastes Through the Integration of Novel Technologies: Cherry by-products including TEC2019-0101-01Prov (62/809,472), TEC2019-0101-01CON (17/957,018), and TEC2019-0101-02CON (18/621, 679).

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Gantec, Inc.

Source of Funds:

An upfront fee of \$30,000, annual minimum fees, patent expense reimbursements and payment of ongoing patent costs, payments on revenues other than net sales, and royalty rates of 1-7%.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party: Gantec, Inc.

Project Description: Exclusive License Agreement for TEC2019-0101: Valorization of Lignocellulosic Biomasses from Food Process Industry Wastes Through the Integration of Novel Technologies: Cherry by-products, including TEC2019-0101-01Prov (62/809,472), TEC2019-0101-01CON (17/957,018), and TEC2019-0101-02CON (18/621,679) for field of use of plant agriculture applications including fertilizers and biostimulants, and an option to future technologies associated with methods for extracting, encapsulating, and utilizing phenolics from food waste (the basis for the patent rights) disclosed three years after the effective date of the agreement.



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The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Term: Effective date of the agreement until expiration or termination of all patent rights

Financial Terms: Include upfront fee of US \$30,000, annual minimum fees, patent expense reimbursements and payment of ongoing patent costs, payments on revenues other than net sales, and royalty rates of 1-7%.

Services Provided: By MSU to company: None
By company to MSU: None

**Use of University
Facilities/Personnel:** None

Organization Type

and Domicile:

C-corp. incorporated in the State of Michigan

Personnel Interest:

Joe Affholter, Commercialization Program Director MTRAC AgBio Innovation Hub, MSU Technologies, has an ownership interest in Gantec, Inc.



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk & Compliance-Attachment 1d

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and SymbioCI Exclusive License Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an exclusive license agreement with SymbioCI, consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and SymbioCI in which Michigan State University faculty members, Dr. Zhiyong Xi and Dr. Xinyu Wu, hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

The following is presented to the Board of Trustees: an exclusive option agreement for the following technology:

- TEC2010-0102: Use of the natural Wolbachia symbiot of mosquito for dengue control, including a colony of transfected mosquitos for all fields of use.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and SymbioCI.

Source of Funds:

1. 4-8% equity stake in Party.
2. Running Royalties of 1-3%.
3. Escalating Annual Minimum Payments of at least \$500 per year and not exceeding \$20,000 per year starting in CY2028.
4. Sharing of non-royalty sublicense revenue on a sliding scale, between 75% and 10% based on the Party's advancement of the technology at the time of sublicense.

Resource Impact:

None.

TERM SHEET

Party:	SymbioCI
Project Description:	Exclusive License Agreement for TEC2010-0102: Use of the natural Wolbachia symbiont of mosquito for dengue control, including a colony of transfected mosquitoes for all fields of use. The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
Term:	From the date of last signature (on or after January 4, 2027) until termination by either party.
Financial Terms:	4-8% equity stake in Party Running Royalties of 1-3%



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Escalating Annual Minimum Payments of at least \$500/year and not exceeding \$20,000/year starting in CY2028

Sharing of non-royalty sublicense revenue on a sliding scale, between 75% and 10% based on the Party's advancement of the technology at the time of sublicense.

Services Provided:

By MSU to company: None

By company to MSU: None

**Use of University
Facilities/Personnel:**

None

**Organization Type
and Domicile:**

Delaware for-profit corporation located in Michigan

Personnel Interest:

Dr. Zhiyong Xi, Professor, Department of Microbiology, Genetics, & Immunology, and Dr. Xinyu Wu, Director, Visiting International Professional Program, have an ownership interest in SymbioCI.



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk & Compliance-Attachment 1e

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and SymbioCI Exclusive Option Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an exclusive option agreement with SymbioCI, consistent with the term sheet now presented to the Board of Trustees for inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and SymbioCI in which Michigan State University faculty members, Dr. Zhiyong Xi and Dr. Xinyu Wu, hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

An exclusive option agreement for the following technology is presented to the Board of Trustees:

- TEC2010-0102: Use of the natural Wolbachia symbiot of mosquito for dengue control, including a colony of transfected mosquitos for all fields of use.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and SymbioCI.

Source of Funds:

A fee of \$500 per month will be paid to Michigan State University.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	SymbioCI
Project Description:	Exclusive Option Agreement for TEC2010-0102: Use of the natural Wolbachia symbiont of mosquito for dengue control, including a colony of transfected mosquitoes for all fields of use. The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
Term:	From the date of last signature until January 4, 2027, extendable for an additional 12 months upon mutual agreement.
Financial Terms:	\$500/month
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	A Delaware for-profit corporation located in Michigan
Personnel Interest:	Dr. Zhiyong Xi, Professor, Department of Microbiology, Genetics, & Immunology and Dr. Xinyu Wu, Director, Visiting International Professional Program, have an ownership interest in SymbioCI.



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MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 1f

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and Joule Therapeutics, Inc. Option Agreement for an Exclusive License

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option for an exclusive license agreement with Joule Therapeutics, Inc. consistent with the term sheet now presented to the Board of Trustees for its inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Joule Therapeutics, Inc., in which Michigan State University faculty members, Dr. Richard Lunt and Dr. Sophia Lunt, hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

An option agreement for an exclusive license for the following technology is presented for the Board's approval:

- TEC2024-0097: Enhanced photodynamic therapy of cancer cells using optimized cyanine-carborane organic salt near-infrared photosensitizers. The technology is jointly owned by the University of California, Riverside.

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Joule Therapeutics, Inc.

Source of Funds:

Option fee(to be paid by Joule Therapeutics, Inc. to MSU), \$1,000; Option extension fees \$2,000 - \$5,000; All foreign filing and prosecution cost, to be reimbursed by the Optionee during the Option Period.

Resource Impact:

None.

MICHIGAN STATE UNIVERSITY

TERM SHEET

Party:	Joule Therapeutics, Inc.
Project Description:	Option agreement for an exclusive world-wide license to patent rights for the following technology: TEC2024-0097: Enhanced photodynamic therapy of cancer cells using optimized cyanine-carborane organic salt near-infrared photosensitizers. The technology is jointly owned by the University of California, Riverside. The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
Term:	Twelve months from the effective date of the option agreement and extendable for an additional twenty four months.
Financial Terms:	Option fee (to be paid by Joule Therapeutics Inc. to MSU), \$1000; Option extension fees \$2000 - \$5000; All foreign filing and prosecution cost, to be reimbursed by the Optionee during Option Period.
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Delaware Domestic Corporation



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Personnel Interest:

Dr. Sophia Lunt, Professor in the Department of Biochemistry and Molecular Biology, Department of Chemical Engineering and Material Science; Dr. Richard Lunt, Professor in the Department of Chemical Engineering and Material Science, Physics and Astronomy have an ownership interest in Joule Therapeutics, Inc.



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Audit, Risk, & Compliance-Attachment 1g

Committee Name: Audit, Risk & Compliance

Date: June 12, 2026

Agenda Item: Michigan State University (MSU) and Joule Therapeutics, Inc. Option for an
Exclusive License Agreement

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Information

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Discussion

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Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option for an exclusive license agreement with Joule Therapeutics, Inc. consistent with the term sheet now presented to the Board of Trustees for its inclusion in its minutes.

Recommendation:

The Trustee Committee on Audit, Risk, & Compliance recommends that the Board of Trustees authorize the agreement between Michigan State University and Joule Therapeutics, Inc., in which Michigan State University faculty members, Dr. Richard Lunt and Dr. Sophia Lunt, hold a financial interest.

Prior Action by BOT:

Not applicable.

Responsible Officers:

Shashank Priya, Vice President for Research and Innovation

Summary:

A option agreement for an exclusive license for the following technology is presented for the Board's approval:

- TEC2018-0011: Tunable Luminescent Organic Salts for Enhanced Imaging and Photodynamic Therapy.

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Background Information:

The attached term sheet summarizes the agreement between Michigan State University and Joule Therapeutics, Inc.

Source of Funds:

1. Option fee(to be paid by Joule Therapeutics to MSU) \$1,000;
2. Option extension fees \$2,000 - \$5,000;
3. All foreign filing and prosecution cost, incurred during and after July 2025, to be reimbursed by the Optionee.

Resource Impact:

None.

TERM SHEET

Party:	Joule Therapeutics, Inc.
Project Description:	Option agreement for an exclusive world-wide license to patent rights for the following technology: TEC2018-0011: Tunable Luminescent Organic Salts for Enhanced Imaging and Photodynamic Therapy. The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
Term:	Twelve month from effective date of the option agreement and extendable for an additional twenty-four months.
Financial Terms:	Option fee (to be paid by Joule Therapeutics, Inc. to MSU), \$1000; Option extension fees \$2000 - \$5000; All foreign filing and prosecution cost, incurred during and after July 2025, to be reimbursed by the Optionee.
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Delaware Domestic Corporation
Personnel Interest:	Dr Sophia Lunt, Professor in the Department of Biochemistry and Molecular Biology, Department of Chemical Engineering and Material Science; Dr. Richard Lunt, Professor in the Department of Chemical Engineering and Material Science, Physics and Astronomy have an ownership interest in Joule Therapeutics, Inc.



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