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The Michigan State University Child Development Laboratories (CDL) are operated in East Lansing’s Central School and Haslett’s Wilkshire Early Childhood Center by the Department of Human Development and Family Studies, College of Social Science. The Child Development Laboratories continue to maintain their National Association for the Education of Young Children (NAEYC) Accreditation. This is done through annual self-study submission and NAEYC site visit evaluation every 5 years. The ten program standards of NAEYC Accreditation are Relationships, Curriculum, Teaching, Assessment of Child Progress, Health, Teachers, Families, Community Relationships, Physical Environment as well as Leadership and Management. Continued accreditation demonstrates the high quality of the CDLs in meeting national standards of excellence in an early childhood setting.


The Child Development Laboratories have been serving the University and community since 1927, over 88 years. It serves a three prong mission: teacher training, research and outreach. The CDL is a model for exemplary teacher training. Research at the CDL has added to the body of knowledge in child development and informed practitioners in the field. The modeling of research to practice enhances the teacher training model with continued high outcomes for students. The Child Development Laboratories continue to disseminate information about best practices in the field of early childhood care and education through outreach activities. Master level Head Teachers work with adult learners: students, parents and practitioners in the field.
2014-15 CDL Enrollment by Funding Source
(East Lansing and Haslett Locations)

2014-15 Haslett CDL Enrollment by Funding Source
East Lansing CDL

Each of the Child Development Laboratories sites provides a different experience for HDFS students. Our East Lansing site houses a combination of full day and half day options embedded in classrooms serving children ages 3 and 4 years of age. We are currently in the process of phasing out half day programming and moving to full day, full year programming. Our classrooms serving infants and toddlers enroll children in full day programming only. Children enrolled at our East Lansing site are funded through private tuition. University students, at both the undergraduate and graduate levels, gain experience working with children ages birth through 5 years.

Note: Classroom age ranges, class numbers and adult: child ratios may be modified to meet the needs of the CDL.
Haslett site has been in operation since the fall of 2005. We hosted a ten year anniversary celebration May 13, 2015. We operate three morning and three afternoon half day sessions, also offering breakfast club and afterschool programming for families. We provide lunch for the 30 children enrolled through Head Start funding. Our Haslett campus is a collaborative model with Haslett Public Schools and Capital Area Community Services Head Start. Children are funded in this program through private tuition, Great Start Readiness Program (State of Michigan’s At-Risk four-year old program), Head Start and Haslett Public School Early Childhood Special Education. Each classroom contains children enrolled through these funding options with the exception of our three-year old classroom. University students gain experience working with staff from Head Start and Special Education staff such as a Special Education Teacher Consultant, Speech and Language Pathologist, Physical Therapist, Occupational Therapist and School Psychologist.

The Haslett CDL celebrated its 10th Anniversary with a program in May. Attendees included Haslett administration, staff and Board of Education members who were instrumental in the collaboration, Head Start administration and staff, CDL teachers and most importantly, children and families who have attended the program for the past 10 years.

Note: Classroom age ranges, class numbers and adult: child ratios may be modified to meet the needs of the CDL.
TEACHER TRAINING

Students in MSU Child Development Laboratories have the experience and mentoring of Master level teachers with degrees in the field of Child Development and Early Childhood Education. The interwoven experience of lecture and lab courses continues to produce high quality candidates in the field of early care and education. The model is one of reflective teaching practice. This reflective model helps students understand and internalize their practice. It produces high quality teacher practitioners. Graduates of the program are sought after during the hiring process in school districts across the state. Child Development students have surpassed the state average on the Michigan Tests for Teaching Certification (MTTC) since 2001. Students in the program are rotated between the East Lansing and Haslett sites to give them experience in
working in different models. The CDL has developed Independent Study options to support students with an interest in administration in early childhood to hone their skills to be ready to take on the responsibilities of those positions. As the Michigan Department of Education moved to the curriculum change related to the Early Childhood Special Education endorsement, the collaboration with Head Start and Haslett Public Schools sets our students apart with the experience they gain working with children with special needs and from low income families with identified risk factors. Skills demonstrated by University students in their lab placements are immediately transferrable to their careers.

HDFS Student Use of the CDL

<table>
<thead>
<tr>
<th>HDFS course</th>
<th>Fall 2014</th>
<th>Spring 2015</th>
<th>Summer 2015</th>
<th>Total</th>
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<td>108</td>
<td>95</td>
<td>89</td>
<td>292</td>
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<tr>
<td>320L</td>
<td>36</td>
<td>12</td>
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<td>321L</td>
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<tr>
<td>424</td>
<td>18</td>
<td>21</td>
<td>7</td>
<td>46</td>
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HDFS course participation in the CDLs:
HDFS 211: 1 Lab observation and volunteer opportunity
HDFS 320: Lab practicum 4 hours per week for 1 semester
HDFS 321: Lab practicum 4 hours per week for 1 semester
HDFS 322: Lab observation/ participation in classroom
HDFS 421: Lab observations
HDFS 424: Semester long student teaching practicum, 5 half days a week for 1 semester

University Use of the CDL

In support of authentic learning experiences, instructors across the University call upon the CDL to open its doors. MSU courses to use the CDL in the past year include:

College of Agriculture and Natural Sciences
   CSUS 881, Foundations of qualitative research

College of Education
   Kinesiology 360, Physical Growth and Motor Behavior
   Counseling and Educational Psychology 449, Behavior Management in Special Education
   Counseling and Educational Psychology 880, Cognitive Assessment

College of Medicine
   Pediatric Residents Child Observations
College of Social Science
  Human Development & Family Studies 225, Lifespan Human Development and the Family
  Human Development & Family Studies 449, Children and Youth with Special Needs and Their Families
  Human Development & Family Studies, 820, Infant Development: The Contexts of Family, Community, and Culture
  Human Development & Family Studies, 822, Assessment of the Young Child
  Psychology 244, Developmental Psychology, Infancy through Childhood

Lyman Briggs College
  LB 133, Introduction to the History, Philosophy, and Sociology of Science

Other Colleges and Universities
  Lansing Community College
    Child Development 188, Inclusion: Early Childhood Special Needs
    Child Development 221, Infant-Toddler Program Development
    Child Development 230, Early Childhood Center Administration
  Baker College-Flint
    Occupational Therapy fieldwork

Connecting HDFS Faculty and the CDL
The Child Development Laboratories continue to have a strong, integrated relationship with faculty. Formal meetings three times a year are used to review curriculum alignment across the Child Development major and across core courses. CDL faculty serve as guest lecturers in courses and support experiential learning for students, enhancing their skills and dispositions. HDFS professors Holly Brophy-Herb and Claire Vallotton, graduate students and CDL infant and toddler teachers Marisa Diaz, Katherine Ealy, Sarah Belanger, Katie Nicholson and Jennifer Davis, are collaborating on revising the MSU Children’s Curriculum for infants and toddlers. The curriculum will include a parent component, assessment component and teacher training supports.

RESEARCH
  http://hdfs.msu.edu/cdl/research-at-the-cdls
A central mission of the Child Development Laboratories is to generate new knowledge regarding child development and early childhood education while training future scholars in the field. The CDLs work to support research experiences for faculty, graduate students and undergraduates in several ways including training opportunities provided to students, presentations and publications utilizing data collected at the CDLs and research groups working
within the labs. The CDLs actively work to include undergraduate and graduate students in collecting and utilizing data collected at the CDLs. Students who work at the CDLs learn how to interact with children in a classroom, to use assessments with children, to score and enter data using a number of data management programs, to code data, and to formulate their own research questions. The CDLs have provided several research teams with letters of support for grants that would utilize the site. The opportunities afforded researchers through the CDLs are of highest importance, as they foster scholarship at all levels of the research process.

**Title of Study:** Families and Children’s Emotions Study (FACES)

**Investigator:** Holly Brophy-Herb

**Unit:** Human Development and Family Studies

**Purpose:** The study focused on mother’s and father’s emotion socialization and toddler’s delay of gratification.

**University Research Assistants:** 30

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**Title of Study:** Supporting Preschooler’s Social-Emotional Skills—Linking Preservice Teacher’s Education, Knowledge, & Behavior

**Investigator:** Tamesha Harewood

**Unit:** Human Development and Family Studies

**Purpose:** Investigate relationship between preservice teacher’s research based knowledge and the strategies used in the classroom to promote children’s social-emotional development.

**University Research Assistants:** 2

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**Title of Study:** Effects of Color on Children’s Active Play Behavior

**Investigator:** Bridget Safferman

**Unit:** Landscape Architecture
**Purpose:** Investigate links between physical and emotional responses when viewing specific colors and their impact on the way children play.

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**Title of Study:** Longitudinal Study of the Narrative Assessment Protocol (NAP)

**Investigator:** Ryan Bowles and Lori Skibbe

**Unit:** Human Development and Family Studies

**Purpose:** Develop a comprehensive and brief assessment of young children's overall language skills, which will ultimately be available to early childhood professionals for free on the web.

**University Research Assistants:** 15

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**Title of Study:** Cross-Cultural Development of Emotional Expression and Communication

**Investigator:** Claire Vallotton

**Unit:** Human Development and Family Studies

**Purpose:** Examine the development of expression, labeling, and comprehension of basic emotions from late infancy through toddlerhood.

**University Research Assistants:** 14

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**Title of Study:** Influence of Physical Activity, Sedentary Behavior, and Sleep on Preschoolers Inhibitory Control

**Investigator:** Catherine Gammon

**Unit:** Kinesiology

**Purpose:** Examine how physical activity may relate to better cognitive function and sleep in preschool aged children.

**University Research Assistants:** 1
Title of Study: Toddler-5 Study of Early Development (T5)

Investigator: Holly Brophy-Herb

Unit: Human Development and Family Studies

Purpose: To critically examine proposed self-regulation and emotion-related parenting domains and relations between domains in toddlers aged 18-36 months.

University Research Assistants: 30

Title of Study: Using Eye-Gaze to Understand How Children Use Electronic Literacy Material

Investigator: Lori Skibbe and Josh Plavnick

Unit: Human Development and Family Studies & Counseling Education Psychology and Special Education

Purpose: To use eye-gaze technologies to investigate whether the ways in which we present print to children affects the amount of time children spend looking at it.

University Research Assistants: 0

OUTREACH

The Child Development Laboratories are active in outreach. Administration and teaching staff sponsor and participate in national, state and local conferences. We offer tours of our programs with accompanying workshops. Administrators and staff take an active role in early childhood committees at the state and local level, including active participation in state and local Association for the Education of Young Children (AEYC).

An Integrated Education Consultant, Curriculum & Instruction workgroup from the Michigan Department of Education, toured the Child Development Laboratories, East Lansing campus, to observe high quality integrated curricular practices and planning protocol.
Groups that toured the CDL, Haslett site, to learn more about the quality inclusion program operating there included Eaton Intermediate School District and Mason Early Childhood program staff. Corunna High School brought their high school students who are studying child development to tour the program.

Corunna Children’s Services teachers toured the East Lansing CDL with a focus on environments. Staff from Kirk in the Hills, Bloomfield Hills, Michigan, participated in a workshop focused on theme planning held at Central School.

Faculty from Iowa State University, including those that worked on the Great Plains Interactive Distance Education Alliance Early Childhood online degree, and the Director of their lab school, spent 3 days at MSU touring the CDL and meeting with HDFS faculty.

Dr. Melissa Jozwiak, Assistant Professor at Texas A&M San Antonio, as part of her tour of University Lab Schools, visited the CDL, East Lansing to learn more about the operation and mission of the labs.

**Committees and Workgroups**

**Association for the Education of Young Children**
- Michigan Association for the Education of Young Children
  - Position: Secretary, Affiliate Representative
- Central Michigan Association for the Education of Young Children
  - Positions: Vice President, Affiliate Representative, MSU Representative

**Michigan Department of Education with the Office of Great Start and the Early Childhood Investment Corporation**
- Great Start Professional Development Stakeholder Group

**Michigan Department of Education**
- Institutes of Higher Education
- Expanding Opportunities Workgroup

**Ingham County Great Start Collaborative** [http://inghamgreatstart.org/](http://inghamgreatstart.org/)
- Operations Committee
- Kindergarten Transition Workgroup
- Quality Initiatives in Early Care and Education Workgroup (Laurie Linscott, Chairperson)
- School Readiness Committee (Laurie Linscott, Co-Chairperson)
National Association of Reggio Emelia Emilia Alliance (NAREA)
Editorial Board

Other
Ingham County Advisory Council for Great Start Readiness Program
Early Childhood Specialists Group
Lansing Community College Advisory Committee
Central Region Advisory Committee: Great Start to Quality Central Resource Center

International Outreach
Summer 2015 marked the 5th student group from Chang Gung University of Science and Technology (CGUST) participating in a month-long workshop. National Taipei University of Nursing and Health Sciences sent a group of four students in June of 2015 for a four-week workshop.

Students participated in CDL classrooms in the morning, attended early childhood workshops in the afternoons and cultural events on weekends. Workshops are designed by CDL faculty. The International Workshop with CGUST was developed by Wan Hsuan Lin.

Julie Brower, Assistant Director of the CDL, Haslett campus, traveled to Taiwan to do a series of presentations at Chang Gung University of Science and Technology early childhood courses. Wan Hsuan Lin joined her to do a one-day Math workshop.

Laurie Linscott and Wan Hsuan Lin presented on the topic of Cultural Competence to students and faculty at National Taipei University of Nursing and Health Sciences, Taipei, Taiwan. They traveled to Tainan, Taiwan to present information about the Child Development Laboratories to Kun Shan University.

In April of 2015, Laurie Linscott and Wan Hsuan Lin, along with Dr. Hope Gerde, traveled to Moscow to participate in the Fourth Annual International Scientific Conference of Early Childhood Care and Education. As part of their participation they toured an early childhood center with other international attendees. There were multiple opportunities for exchange of current practice and methodology in the field.

International Faculty

In support of the College of Education’s Global Education Cohort Program, the CDL hosted a visiting group of students from Beijing Normal University. Students, and their professors, spend time at the CDL learning about our teacher training model, programming for young children and research.

Faculty from Pontificia Universidad Católica de Chile visited the CDL to learn more about programming for young children, teacher training strategies and research.
Professor Naomi Kagawa, Elementary Education faculty at Shimane University, Japan brought 14 students to the CDL as part of their study abroad program at MSU.

Professor Da-Li Chang, faculty from Kun Shan University, Tainan, Taiwan toured the CDL, along with child development majors from their school to learn about early childhood care and education in the United States.

LiYing Liu, Associate Professor in the Education College of Mianyang Normal University, China, spent 2 months observing in toddler classrooms with a focus on educational practices.

Zeynep Kurtulmus, PhD, Gazi University Faculty of Education, Ankara, Turkey, spent 3 months at the CDL observing in preschool classrooms to learn more about educational practices and teacher training.

Kinnari Pandya, faculty from Azim Premji University, India, toured the CDL as part of a group visiting the College of Education, with an interest in curriculum and planning, family engagement, and teacher training.

Teachers from 3e, Beijing, China, http://www.3einternationalschool.org/, toured the Child Development Laboratories during their trip to Michigan. A number of graduates from MSU HDFS have gone on to teach at 3e.

CDL Faculty Presentations for July 2014-June 2015

International

June 2015, Wan Hsuan Lin & Laurie Linscott, Cultural Competence in an Early Childhood Setting: Supporting Children and Families, National Taipei University of Nursing and Health Sciences, Taiwan

May 2015, Julie Brower, Guest Lecturer, Chang Gung University for Science and Technology, Taiwan.

May 2015, Julie Brower & Wan Hsuan Lin, Math in Early Childhood Workshop, Chang Gung University for Science and Technology, Taiwan.

National

March 2015, Nora Thompson, NAREA: North American Reggio Emilia Alliance - Conference facilitator for Winter Conference: Including the Wonder of Learning Exhibit- The Hundred Languages of Children, New York City

November 2014, Jennifer Davis & Marissa Diaz, Art and Music with Infants and Toddlers, NAEYC, Dallas, TX
State and Local

April 2015, Jennifer Davis, Hailey Farber, Cirea Rodgers, Hannah Maher, Shelby Brubaker, *Creating a Toddler Environment*, MiAEYC, Grand Rapids, MI

April 2015, Sarah Belanger, *Building Toddler Relationships*, MiAEYC, Grand Rapids, MI

April 2015, Lillian McFarlin, *Playing and Teaching Science*, MiAEYC, Grand Rapids, MI

April 2015, Lillian McFarlin, *Picture Books and Beyond: Using Picture Books to Integrate Curriculum*, MiAEYC, Grand Rapids, MI


Professional Development Opportunities for CDL Staff

June 2015, Early Learning Institute, Knoxville, Tennessee

November 2014, all teaching staff attended the National Association for the Education of Young Children conference, Dallas, Texas.

November 2014, MiAEYC Infant & Toddler conference
COLLABORATIONS and CAMPUS SUPPORTS

Early Learning Institute

In support of the collaboration with CSS and COE, renovations to Classroom 203 were completed to increase office space and develop the Early Learning Institute (ELI) ABA Intensive space. Generous donations helped significantly prepare the ELI space. Additional supports are needed; preliminary estimates are $50,000-$60,000.

MSU Grandparent University

CDL Faculty Erica Colon, Sally Mowers, Luci Atalla and Lillian McFarlin planned and facilitated a successful Grandparent University session. GU participants learn how to teach science experiments to preschoolers and then hold a Science Fair for the preschoolers enrolled at the CDL. [http://www.grandparents.msu.edu/](http://www.grandparents.msu.edu/)

MSU 3rd Annual Science Festival

The Child Development Laboratories were invited to participate in the 2nd Annual MSU Science Festival. For the first time, the Science Festival included an Early Childhood Zone located in Morrill Hall Atrium. CDL faculty and student teachers developed interactive science activities for children and their families. They presented these on Saturday and Sunday, April 5 & 6. This effort was spearheaded by Sally Mowers. [http://sciencefestival.msu.edu/Content/Programs/2015/MSU-Science-Festival-2015-Program-Book.pdf](http://sciencefestival.msu.edu/Content/Programs/2015/MSU-Science-Festival-2015-Program-Book.pdf)

MSU Museum

The CDL continued its collaboration with the MSU Museum in the development of interactive, developmentally appropriate science and culture experiences for young children. Dr. Denice Blair, Co-Manager of the Museum Education Team, initiated the collaboration. She has provided transportation for children from the CDL, Haslett campus, to be able to participate in the backpack experience. The project involves using exhibits at the museum to create young child/family friendly activities for an interactive visitor experience, SEAL (Successfully Engaging All Learners) - Tots program. Head Teachers from both the East Lansing and Haslett campus participated. [http://museum.msu.edu/index.php?q=node/1081](http://museum.msu.edu/index.php?q=node/1081)
MSU Surplus & Recycling: Sustainability

The Child Development Laboratories (CDL) and MSU Surplus and Recycling continued work on an Early Childhood Sustainability Curriculum to be developed collaboratively through Michigan State University. Erica Colon has taken the lead on this collaboration, supporting Head Teacher engagement.

MSU Broad Art Museum

Sally Mowers working with the Deputy Director, Curator of Architect and Design, and Education Director of the Broad, continues to collaborate to bring modern art experiences to young children in a hands-on, meaningful way. This includes walking field trips to the Broad, tours of different exhibits, and participation in art experiences, both at the Broad and the CDL.

Summer Research Opportunities Program

The Child Development Laboratories continues to be a tour site for the Graduate School’s Summer Research Opportunities Program. The purpose of the program is to increase the number of domestic undergraduates who pursue graduate careers in research. Faculty from the CDL and HDFS do a presentation on the program and research opportunities. http://grad.msu.edu/srop

MSU 4-H Exploration Days

June 24-26, 2015, the Child Development Laboratories hosted 3 half day sessions for the MSU 4-H Exploration Days. These included Care for Kids, Keeping Kids Engaged and Having Fun, and A Career Caring for Kids. MSU Child Development majors at the CDL met with participants and told about their education and career opportunities. Lillian McFarlin facilitated this experience for the participants. http://4h.msue.msu.edu/events/4-h_exploration_days/registration_book

FACILITIES UPDATES

Many facility updates were completed during the 2014-2015 academic year.

Framed Art

The CDL owned a number of framed art pieces and prints of book covers. Due to the plexiglass covering the prints, we were unable to display them. Thanks to the generous donation of Dr. Lauren Harris, the prints were taken to Lansing Glass Company to have the plexiglass replaced with tempered glass and rehung.

Video Observation System, East Lansing

The video observation system in East Lansing is used to support child and teacher observation, college student lab placement observation and feedback, research and staff development.
Working in coordination with MSU IT, ICOMM, and Haivision, we launched the new video system. Fall of 2014 we worked out the bugs of the new system. Recording now occurs on a newly installed server. The server allows for significantly expanded recording time and editing. In addition, the PC based system will offer the potential opportunity for the CDL to move forward on the cutting-edge of live classroom streaming for educational observation and research purposes.

**Playgrounds**

A goal for both sites is to attain Nature Explore Certification, [http://www.natureexplore.org/classrooms/](http://www.natureexplore.org/classrooms/). To that end, we needed to add other elements to the playground areas. The following are upgrades completed.

*Haslett Playground- Nature Elements*

Sand Box & Covers

**Anticipated Facilities Upgrades for 2015-2016**

**Video Recording Equipment in Haslett**

The equipment in Haslett is 10 years old. We have been able to maintain the equipment through repairs using ICOMM. It is anticipated that in the near future we will need to look at upgrading the equipment at the Haslett site.

**Observation Booths in East Lansing**

With the new video equipment and listening stations functional, the goal will be to remove the listening vents in each classroom and replace with solid panels.

**Collaboration meeting space**

Room 209B, former Research Office in the CDL, will be renovated to serve as collaboration space for faculty, staff and students engaged in the ELI collaboration. This will also serve as a space to meet with donors about projects at the CDL, *preliminary estimates are $4,100*.

**Window Treatments**

With the window blinds at Central School being approximately 30 years old, we look to replace them with darkening shades that let light in during the day but can be darkened to support children’s nap time.