Career-Technical Articulation Verification (CTAV)

The Career-Technical Articulation Verification (CTAV) technical initiative is a collaborative effort between the Ohio Department of Education (ODE) and the Ohio Department of Higher Education (ODHE) to facilitate postsecondary career-technical transfer credit opportunities. New technology will allow the electronic exchange of data between the two agencies into ODHE’s Higher Education Information (HEI) system. The integration of ODE’s CTE-26 application process and ODHE’s Course Equivalency Management System (CEMS) will allow for the automation of the submission and approval of secondary courses that align to Career-Technical Assurance Guides (CTAGs). The initiative will also phase out the need to submit the paper verification form required to access the credit for those students that have successfully completed an approved ODE course that aligns to a CTAG and earned the required WebXam score.

By late summer 2019, postsecondary institutions will utilize the streamlined system to determine which students are eligible for CTAG credit. In the second phase, scheduled to be available in fall 2019, the CTAV process will be enhanced to accelerate the submission and approval process of ODE courses that align to CTAGs. Finally, by the end of 2019, a new reporting functionality will be introduced enabling postsecondary institutions to report back which students were awarded CTAG credit.

Over the next few months, communications will be sent out to the institutions informing the schools about the institutional rollout of the initiative. Work has already begun with a focus group to identify what postsecondary institutions will need to do to implement the initiative and what concerns schools may have. The institutions were recently surveyed.

(continued on next page)
and their feedback will determine in which rollout group they will fall. Webinars will follow to provide guidance and training for implementing the initiative. Questions about CTAV may be directed to Shane DeGarmo at 614.644.6767 or sdegarmo@highered.ohio.gov, or Revathi Kumaraswamy at 614.466.5296 or rkumaraswamy@highered.ohio.gov.

Progress Reports

Ohio Guaranteed Transfer Pathways

Clinical/Medical Laboratory Panel Meeting

The OGTP Clinical/Medical Laboratory Science Faculty Panel met on February 22, 2019, to further discuss the draft pathway template it developed. The faculty panel members brought feedback based on comparing their programs of study to the proposed pathway. They discussed concerns regarding the ability to provide a two plus two pathway, instances where institutions do not have approved TAG matches, varying mathematics requirements for programs, and the differences between accredited and non-accredited programs. Next steps include finalizing the templates and preparing them to seek statewide endorsement.

Computer Sciences/Information Technology Focus Group Meeting

The OGTP Computer Science and Information Technology Focus Group met on March 22, 2019 to prepare for the development of pathways. The focus group worked to define the computer science/information technology fields and laid the groundwork for the statewide panel. The group recommended three areas within the cluster for which pathways and corresponding faculty panels would be created: Information Technology (IT), Information Systems (IS), and Computer Science (CS). Pathway templates were drafted for these three areas in preparation for the statewide panel convening.

OGTP Steering Committee Meeting

The OGTP Steering Committee gathered on April 4, 2019. The committee discussed the relationship between bilateral agreements and OGTP templates. The group agreed on the need to determine the extent to which bilateral agreements in Ohio are not harmonious with the OGTPs. Jared Shank and Jessi Spencer provided summaries of recent OGTP faculty panel meetings. Additionally, Ellen Peterson updated the group on the endorsement surveys while Nicole Chain provided an update on the review of the institution-submitted OGTP templates. The committee reviewed and agreed on the proposed language and exemption process in the implementation policy. Before the meeting adjourned, the group acknowledged the feasibility of potentially developing OGTP from applied associate degrees to technical bachelor’s degrees.

Dietetics Panel Meeting

The OGTP Dietetics Faculty Panel met on April 5, 2019 to continue its pathway development work. The group discussed several concerns with developing pathways in dietetics. Because different institutions have different sequences of courses which fulfill accrediting bodies’ learning outcomes, it would be difficult to align various dietetics programs to an OGTP. Jared Shank suggested that perhaps a block of transferable credit could be awarded for meeting the learning outcomes. The group also discussed varying math requirements for dietetics programs, preparing students in associate degree programs for the dietary management certifying exam, and the development of several new TAG courses. Ultimately, the group decided to focus first on finalizing the Associate of Science to Bachelor of Science pathway before tackling the Associate of Applied Science pathway.

(continued on next page)
Ohio Mathematics Initiative

Quantitative Reasoning Workshop

On April 25, 2019, the Ohio Department of Higher Education and the Charles A. Dana Center at the University of Texas at Austin hosted a Quantitative Reasoning (QR) workshop for Ohio mathematics faculty. The Dana Center shared research-based trends in QR with those in attendance. Through an interactive session, participants discussed best practices in course design, including pedagogy, course culture, and incorporation of psychosocial factors. Experienced Ohio QR faculty also shared their experiences teaching QR, describing projects completed in class, methods utilized for culture-setting, and common challenges in teaching QR. After the panel discussion, breakout sessions dedicated to numeracy, probability, writing in QR, and modeling were held. The workshop concluded with attendees sharing breakout session discussions, next steps, and future professional development opportunities.

Chairs/Leads Network Meeting

The Ohio Mathematics Initiative Chairs/Leads Network meeting took place on April 26, 2019, at The Ohio State University. Dr. Paula Compton and Jessi Spencer shared a summary of the mathematics chairs/leads and faculty surveys. Dr. Compton also shared further QR learning opportunities. Each of the five subgroups then provided updates. Dr. Cosmin Roman from subgroup 1 spoke about co-requisite courses, Dr. Ricardo Moena and Dr. Lee Wayand from subgroup 2 updated the group on the redesign of OTM math criteria. Michelle Younker and Dr. Jim Fowler updated the group on the work of subgroup 3. Dr. Donald White updated the group on the data collection, analysis, and sharing of subgroup 4, and Jill Dannemiller presented baseline research on gateway math courses. Dr. Serita McGunia and Dr. Brad Findell of subgroup 5 discussed alignment between secondary and postsecondary content and instruction. Anna Cannelongo from the Ohio Department of Education (ODE) concluded the meeting by updating the group on the state’s development of a fourth-year transition course.

Subgroup 3 Webinar on Open Educational Resources

On April 10, 2019, Subgroup 3 - Communication, Outreach, and Engagement sponsored the first in a series of webinars on topics of interest to the mathematics community. This initial webinar provided information on the resources available through the Ohio Open Ed Collaborative. Participants learned directly from representatives of the Ohio Open Ed Collaborative about the project and received a guided tour on accessing the available materials. The presenters on the webinar included: Anna Davis, Associate Professor of Mathematics at Ohio Dominican University; Jim Fowler, Assistant Professor of Mathematics at The Ohio State University; Garratt Weber, Assistant Director of OACC Success Center for Ohio Community Colleges; and Michelle Younker, Chair of Mathematics at Owens Community College.

The webinar is available for viewing on the Ohio Department of Higher Education YouTube channel.

Co-Leads Meeting

On June 18, 2019, the co-leads of the five subgroups met for their annual planning meeting. The meeting started with staff from the Ohio Department of Higher Education (ODHE) and the Ohio Department of Education (ODE) providing updates and introductions on initiatives that will have an impact on the Ohio Mathematics Initiative in the future. The presentation included information on a new initiative from the Conference Board of the Mathematical Sciences (CBMS), the Launch Years initiative from the Charles A. Dana Center at University of Texas at Austin, and Ohio Strong Start to Finish. In the afternoon, the co-leads discussed the fiscal year 2019 accomplishments for each of their subgroups and the future direction of each individual subgroup, as well as the Ohio Mathematics Initiative as a whole.
Ohio Values Veterans

Multistate Collaborative on Military Credit (MCMC) Mini-Grants

In the previous newsletter, there was an update regarding the three Multistate Collaborative on Military Credit (MCMC) mini-grants: nursing, foreign language, and general education. Since the last newsletter, final reports were created to share all of the progress made in the three areas.

The reports are located at https://www.ohiohighered.org/transfer/military under the title “Recent Research Projects.” All three reports can be used to guide institutions on ways to award academic credit based on military training, experience, and coursework outside of the traditional MTAG process.

Military Transfer Assurance Guides

Based on the research work done as part of the MCMC mini-grant, we will be rolling out some new MTAGs in the foreign languages. Several faculty panel leads in the foreign languages helped to evaluate coursework from the Defense Language Institute- Foreign Language Center (DLI-FLC) as well as proficiency credit known as the Defense Language Proficiency Tests (DLPTs).

Military Strategic Implementation Team (MSIT)

On June 17, the OATN hosted the Military Strategic Implementation Team (MSIT). At the meeting, various military credit updates were discussed. There was also service member/veteran student research presented by Sue Ann Sandusky, a student in the higher education administration doctoral program at Bowling Green State University. The Ohio Department of Veteran Services provided some legislative updates and goals of the new administration. There was also some dialogue about future goals and projects this group would like to pursue.

(continued on next page)
Progress Reports (cont.)

OTM, TAG, and CTAG Submissions

Upcoming TAG Submission Deadlines

There are a number of TAG course submissions coming due in 2020. The next submission deadline is October 1, 2019. For your convenience, submission preparation templates are available on our website at www.ohiohighered.org/transfer/tag/coursedescriptions.

These are the TAG courses with the submission dates:

<table>
<thead>
<tr>
<th>Semester Due and Submission Deadline*</th>
<th>OAN</th>
<th>Name</th>
<th>Special Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2020 (Mid-March 2020)</td>
<td>OSS051</td>
<td>Introduction to Geographic Information Systems</td>
<td></td>
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<tr>
<td></td>
<td>OFL049</td>
<td>Beginning Ancient Greek Course I</td>
<td></td>
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<tr>
<td></td>
<td>OFL050</td>
<td>Beginning Ancient Greek Course II</td>
<td></td>
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<tr>
<td></td>
<td>OFL051</td>
<td>Intermediate Ancient Greek Course I</td>
<td></td>
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<tr>
<td></td>
<td>OFL052</td>
<td>Intermediate Ancient Greek Course II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OFL055</td>
<td>Beginning Latin Course I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OFL056</td>
<td>Beginning Latin Course II</td>
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<tr>
<td></td>
<td>OFL057</td>
<td>Intermediate Latin Course I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OFL058</td>
<td>Intermediate Latin Course II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OMIT018</td>
<td>Calculus III</td>
<td>The submissions are for learning outcome #1 only.</td>
</tr>
<tr>
<td>Fall 2020 (Beginning of October 2020)</td>
<td>OBU013</td>
<td>Business Statistics</td>
<td></td>
</tr>
</tbody>
</table>

*Please note that the semester due term is the expiration term for your currently approved courses under the former TAG course criteria.

For questions regarding progress for the OTM/TAGs, contact Michelle Blaney, Assistant Director for Articulation & Transfer Policy, at 614-644-9601 or mblaney@highered.ohio.gov.

Please direct questions on the CTAG review process to Shane DeGarmo, Associate Director for Career-Technical Transfer Initiatives, at 614-644-6767 or sdegarmo@highered.ohio.gov.
Meetings of the Minds

Ohio Articulation and Transfer Network Leadership Committees

OATN Oversight Board (March 14, 2019)

The OATN Oversight Board met on March 14, 2019. ODHE Senior Vice Chancellor Mike Duffey reviewed several key priorities of the new administration, including workforce development, measurement of quality, and Ohio’s postsecondary system performance as compared to other states. Dr. Stephanie Davidson updated the group on the proprietary/non-regionally accredited transfer credit policy change, noting that public institutions can accept credit from non-regionally accredited institutions authorized by the state of Ohio. Dr. John Crooks updated the Oversight Board on the Three Plus One Task Force. Shane DeGarmo presented the results of a recent survey on the One-Year Option, explaining the frequency with which students utilize the option and the level of student success. Dr. Paula Compton reported the status of the Ohio Guaranteed Transfer Pathways (OGTP), followed by Jared Shank providing an update on military transfer credit. Dr. Compton concluded the meeting by discussing the progress of the Ohio Mathematics Initiative and mentioning the upcoming meeting of the Ohio English Initiative, a meeting requested by English faculty who have expressed an interest in improving the overall writing curriculum.

OATN Advisory Council (May 23, 2019)

On May 23, 2019, Dr. Rodney Rogers opened the meeting by requesting a motion to approve the minutes from the previous meeting. Once the motion to approve the minutes passed, Anna Cannelongo from the Ohio Department of Education provided updates on the state’s development of a secondary mathematics fourth-year transition course. Jared Shank shared updates in the area of military as well as the proprietary credit policy. Dr. Carolyn Haynes provided a status update on general education and the next steps. Shelly Jackson presented updates on Transferology, followed by Shane DeGarmo discussing the Career-Technical Articulation Verification (CTAV) initiative. Jessi Spencer provided an update on regional awards. The meeting concluded with members discussing accomplishments and challenges over the past year.

Additional Meetings

Three Plus One Task Force Meeting (January 11, 2019)

The Task Force reviewed the Three Plus One charge and reported that work would be conducted on a regional level. Dr. John Crooks of Lorain County Community College (LCCC) discussed successful bilateral agreements, which often vary in credit hour requirements. Laura Padgett discussed guidelines for regional compacts. The Task Force discussed potential challenges in the implementation of the charge. The group agreed that Three Plus One should be seen as an option rather than a mandate. Finally, the Task Force reviewed the Three Plus One report, which effectively summarizes characteristics of solid Three Plus One models: intentionality, written agreements, and working with students.

OTM Faculty Subcommittee Meeting (April 19, 2019)

The Ohio Transfer Module (OTM) Faculty Subcommittee met on Friday, April 19, 2019. Dr. Paula Compton opened the meeting by providing an update on the proprietary report. Included in the report is the strategy for the awarding of credit that requires institutions evaluate the transfer of proprietary credits through a process similar to the evaluation of credits from public institutions. Dr. Compton then reviewed Dr. Paul Gaston’s summary of institutional feedback on the OTM. While survey responses varied widely, they indicated overall support for continuing and enhancing the OTM. Following this discussion, Dr. Larry Krissek and Cathy Chudzinski presented research (continued on next page)
Meetings of the Minds (cont.)

on potential new OTM courses/areas. They examined features of general education programs and OTMs, as well as the relationship between the two, for both two- and four-year institutions. Research indicated that programs are striving to help students understand the value of a general education curriculum. However, clear communication is needed for student awareness and understanding. Finally, breakout sessions allowed for individual faculty panels to discuss how to move forward in their respective disciplines.

General Education Steering Committee Meeting (April 22, 2019)

Dr. Paul Gaston presented his analysis of survey results for general education principles and the OTM. Dr. Larry Krissek and Cathy Chudzinski presented their research on two-year and four-year institutions’ general education programs and the OTM, noting the various features of the programs and their relationship within an institution. Faculty panel leads shared a summary of their panel discussions at the April 19 OTM Faculty Subcommittee meeting. The discussion then focused on the potential development of a sixth OTM category. Any addition would be based on learning outcomes and would be interdisciplinary in nature.

Ohio English Initiative Meeting (April 24, 2019)

On April 24, 2019, more than one hundred English faculty, English chairs, and writing center directors assembled to discuss the potential of establishing an Ohio English Initiative (OEI). Michelle Younker and Dr. Ricardo Moena provided a background on the Ohio Mathematics Initiative to give the English faculty an idea of how they might structure an OEI and what they could accomplish. Dr. Lizzie Hutton presented research-based practices for the teaching of writing. Following this presentation, Jill Dannemiller presented research on English gateway courses. Breakout groups were held to discuss the issues an OEI could address. Several topics identified included the need for a definition of English composition, the need for adjunct faculty support through professional development opportunities, the lack of advanced writing and/or interdisciplinary writing courses in the curriculum, and the conflict between lofty goals and limited resources.

Upcoming Meetings

- OATN Oversight Board Meeting – September 19, 2019
- Ohio Transfer Module Faculty Subcommittee Meeting – September 20, 2019
- OATN Advisory Council Meeting – November 14, 2019

Transfer Technology

Statewide Guaranteed Credit Transfer (SGCT) & Transcript Exploration Project (TEP)

Effective with the March 2019 reporting period, the 36 Ohio public colleges and universities began reporting to the Higher Education Information (HEI) system Alternative Credit (AC) file using the 23 codes approved in October 2017. The results have already proven effective for students, as nearly 13% of summer 2018 and autumn 2018 transfer credits utilized the full range of new SGCT codes, and within the existing codes there is evidence of more descriptive transfer evaluations.

The numbers are particularly encouraging since many students, and thus their transfer credits, were admitted prior to the implementation of the new codes. Consequently, the HEI reporting period did not include a full academic year since it did not contain the spring 2019 data (to be reported by September 2019). Each
Transfer Technology (cont.)

Future reporting to the HEI AC file will see increases in specific coding and decreases in the generic “catch-all” codes. Subsequent spring 2020 data will show these gains from Academic Year (AY) 2019 to AY2020.

The TEP project will be exploring the concept of standardizing credit transfer codes on electronic transcripts exchanged via the Articulation and Transfer Clearinghouse. Since the SGCT project, there has been interest in knowing more information regarding the credit transfer details, e.g., the date and specific exam scores. Six pilot institutions (Columbus State Community College, Cuyahoga County Community College, Lorain County Community College, Rhodes State College, Marion Technical College, and Shawnee State University) have been participating in the development of a Proof of Concept that will build on defining common data standards and options for the transcription of transfer credit codes.

OATN Technology Steering Committee Meeting

The OATN Technology Steering Committee met on April 11, 2019, in Columbus to discuss technology initiatives, including the Career-Technical Articulation Verification (CTAV) project, and various transcription initiatives that include transcribing transfer credits for the 23 State Guaranteed Credit Transfer codes, Ohio Guaranteed Transfer Pathways, and consortium/cross-registration credit. Discussion on the Articulation and Transfer Clearinghouse (ATC) providing access to vendors for sending/receiving transcripts on behalf of the institutions was informative. Committee members provided updates on the technology initiatives currently happening at their institutions.

(CT)² Corner

Research Day

The Ohio Articulation and Transfer Network (OATN) hosted its Research Day event on Thursday, May 30, 2019, at the Ohio Department of Transportation facilities in Columbus. Attendees from Ohio’s public colleges and universities, regional Tech Prep offices, and the Ohio Department of Higher Education convened to hear presentations on Career-Technical Credit Transfer (CT)² research studies from colleagues at Cleveland State University, Columbus State Community College, Lorain County Community College, and University of Cincinnati—Clermont College. The intent of each study was to inform the OATN on the outcomes of students who enrolled in articulated career-technical courses prior to enrollment at their college/university. This research included students who were awarded postsecondary credit upon enrollment through the use of statewide articulation agreements [Career-Technical Assurance Guides (CTAGs)], Prior Learning Assessment, or the One-Year Option. General themes that emerged from the event included data indicating that students that were awarded statewide articulated

Presenters during research day, from left to right: Kat McDonald-Miranda, Cleveland State University; Susan Riley, University of Cincinnati—Clermont College; Sherry Minton, Columbus State Community College; Sun Jamerson, Lorain County Community College; and Erika Fenik, Lorain County Community College.
(CT)^2 Corner (cont.)

Credit upon enrolling into a college/university were successful and that more awareness about CTAGs is needed among secondary guidance counselors and postsecondary advisors and faculty members. Participating institutions will submit a final report to the OATN in June 2019. Please contact Shane DeGarmo at 614.644.6767 or sdegarmo@highered.ohio.gov if you have questions about the event.

Career-Technical Education Highlighted at OSU in Hospitality, Tourism, and Culinary Arts Education Conference

As part of this year’s CTAG compliance effort, postsecondary institutions were invited to apply for professional development funding. Specific criteria and a formal proposal were required for consideration. The Career-Technical area announced the recipients of these professional development awards shortly after the first of the year. One of the award recipients was the College of Human Ecology at The Ohio State University (OSU).

Dr. Milos Bujisic, Assistant Professor of Hospitality Management, submitted the proposal for and developed the “Ohio Hospitality, Tourism, and Culinary Arts Education Conference.” Dr. Bujisic wanted to bring together educational partners from secondary career centers, two- and four-year institutions, and industry leaders to discuss how to harmonize curriculums. The conference was held in the Ohio Union Instructional Kitchen, allowing attendees to see the facilities.

Each of the nearly 50 conference attendees participated in small group discussions with pre-selected questions based on their sector. While engaged in conversation, everyone enjoyed a variety of small plate bites designed to showcase different cuisines. Students in the final year of their programs at OSU worked with a chef to prepare and serve the food. And yes, for dessert there was a Buckeye.

Dr. Bujisic and his colleagues plan to maintain contact with the participants. They hope that this can become an annual event and would like to see other colleges and universities take a leadership role in coming years.

Two New CTAGs

This spring, two new CTAGs, each containing one CTAN (course), were introduced statewide. The new Cybersecurity Fundamentals CTAN is in the Information Technology Pathway. This course aligns to the Ohio Department of Education (ODE) course Cybersecurity Defense (146010). In addition, CTAN Personal Finance was introduced this semester. Career-Technical students in the Family and Consumer Science pathway are eligible to earn credit if they successfully complete the Personal Financial Management (091052) course. Details for both of these CTAGs are available on the ODHE website at www.ohiohighered.org/sctai/ctags.

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This spring we said goodbye to two of our team members.

In March, Shoumi Mustafa traveled halfway around the world to begin a job as a Senior Research Coordinator for the Integrated Food Policy Research Program (IFPRP). His position is located in Dhaka, Bangladesh.

In April, Kevin Sosa left the Ohio Department of Higher Education to take a position with Dynamic Campus Solutions. He is a business analyst for information technology services working on the campus of Lourdes University in Sylvania, Ohio.

We wish both of them the best in their new endeavors!

Congratulations, Jessi!

We are pleased to announce the promotion of Jessi Spencer as Ohio Articulation and Transfer Network Director of Policy, Budget, and Constituent Relations effective April 1, 2019.

Jessi has worked with the Ohio Department of Higher Education, Ohio Articulation and Transfer Network for over five and a half years and has been an invaluable member of the OATN team.
Staff Feature (cont.)

During her time with the OATN team, Jessi has assisted with the coordination of the Secondary Career-Technical Alignment Initiative (SCTAI), served as liaison to the Revision of the Ohio Transfer Module Criteria Subgroup (subgroup 2) of the Ohio Mathematics Initiative, and successfully monitored operations for the department. In her new role, Jessi will take the lead in overseeing and implementing articulation and transfer policy, numerous budgets, and grant management. She will also be responsible for overseeing faculty transfer panel operations and the development of new equivalent statewide guaranteed courses and pathways.

Please join us in congratulating Jessi in her new role within the OATN and wishing her the best of luck in her position.

Congratulations, Dave!

The OATN would like to congratulate retired Miami Registrar and current OATN consultant Dave Sauter on receiving the Ohio Transfer Council’s (OTC) Jonathan Tafel Award for 2019. This award is the highest honor the OTC can bestow on an individual. The criteria used to select recipients include service and education to the OTC, contributions to the profession of transfer student services, and qualities such as humility, professionalism, dedication, fairness, and unselfishness. In addition, this award recognizes significant participation and contributions to the activities of the OTC, as well as long and meritorious service (at least 10 years) in the profession.

OATN Welcomes Baby Jude to the Family

Candice Grant and her husband welcomed their daughter, Judith Grant McGowan, on March 22. Despite being impatient and arriving a bit early, Baby Jude is thriving. She loves music, milk, and doing leg lifts.