



Ohio TRANSFER TO DEGREE guarantee

News from the **Ohio Articulation & Transfer Network**

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Special Features

Ohio Mathematics Initiative

Quantitative Reasoning

In December 2015, OATN announced a new Ohio Transfer Module (OTM) course with learning outcomes in Quantitative Reasoning (QR) TMM011. This work could not have been possible without the leadership of Mr. James Willis of Sinclair Community College, Dr. Andrew Tonge of Kent State University, Ms. Michelle Younker of Owens Community College, Mr. Aaron Altose of Cuyahoga Community College, and Dr. Ricardo Moena of University of Cincinnati. They worked closely with Subgroup 2/OTM panel reviewers in the development and finalization process. To view the full information about this new OTM course, please use this link: <https://www.ohiohighered.org/transfer/transferrmodule/learningoutcomes>.

The rollout plan during the spring 2016 term will include:

1. Discussion with the Ohio Mathematics Initiative Chairs/Leads Network at its meeting on January 22;
2. Ohio Professional Development/Training Workshop for faculty and Train-the-Trainer program for ongoing training on individual campuses;
3. Collaboration with Ohio's mathematics associations for two- and four-year institutions in providing training and continued conversation with their memberships; and
4. Sharing of course information via the Ohio Mathematics Initiative website.

If your institution is ready to submit a QR course to the Course Equivalency Management System (CEMS) [including a QR course that has already been approved for OTM Mathematics, Statistics, and Logic (TMMSL)] or to the OTM Mathematics, Statistics, and Logic Review Panel for TMM011, the CEMS submission template is available on the OTM website at <https://www.ohiohighered.org/transfer/transferrmodule/learningoutcomes>.

College Algebra

Subgroup 2 of the Ohio Mathematics Initiative Chairs/Lead Network has been working throughout the summer and the fall to reassess the Ohio Transfer Module

A Note from Paula

Happy New Year everyone, and welcome back to spring semester! The next few months should prove to be exciting times at the Ohio Articulation and Transfer Network, with many updates and new initiatives in the works. As always, we send our appreciation to everyone at Ohio's public colleges and universities, secondary education institutions, and Ohio Technical Centers whose collaboration and dedication make such a difference for the students of Ohio. Until the spring newsletter, stay warm out there.

(continued on next page)

Special Features (cont.)

College Algebra (TMM001) and Introductory Statistics (TMM010) course learning outcomes. Parts of the TMM001 and 010 were updated this year to reflect changes already made, such as the removal of the prescribed pre-requisite and the reference to a typical range when referencing credit hours. The learning outcomes themselves were last revised and implemented in 2009-2010.

In December 2015, Subgroup 2 completed the clarification and updates to the OTM course learning outcomes for TMM001 and TMM010. The subgroup's work focused on the following fundamental objectives:

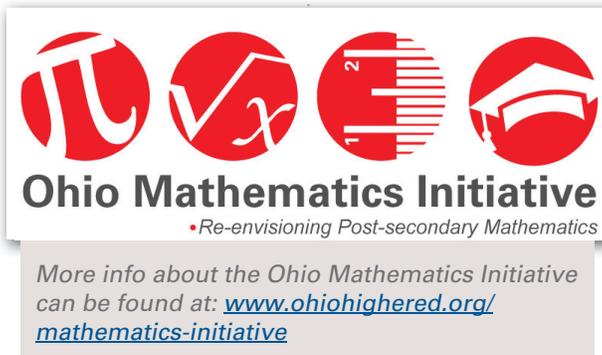
1. To redesign the course learning outcomes so they include more of "why" (the mathematics and statistics), instead of just focusing on the "how" and "what" (e.g., the symbolic manipulations and rote algorithms, a list of manipulative skills);
2. To rethink and rephrase the "course" learning outcomes in terms of "student" learning outcomes;
3. To provide sample tasks in order to assist institutional faculty in shifting their pedagogical focus from the course or the instructor to student competencies and learning outcomes; and
4. To emphasize and promote teaching that allows students' deeper-level thinking to flourish.

The revised TMM001 and TMM010 include sample tasks, which should be viewed only as examples.

Because the spirit of the previous learning outcomes continues to be implemented but better defined in the updated criteria, courses already approved for TMM001 and/or TMM010 will **not** have to be resubmitted for additional validation. The updated learning outcomes will be used for any new submissions beginning in the

winter 2016 OTM review cycle, which started on January 20, 2016.

This work could not have been possible without the leadership of Dr. Carl Stitz of Lakeland Community College, Dr. Lee Wayand of Columbus State Community College, Dr. Jeffery Zeager of Lorain County Community College, Dr. Pramod Kanwar of Ohio University, Dr. Guang-Hwa (Andy) Chang of Youngstown State University, Dr. Oana Mocioalca of Kent State University, and Ms. Terry Calvert of Edison State Community College.



To view the full information about these revised OTM course learning outcomes, please use this link:

<https://www.ohiohighered.org/transfer/transferrmodule/learningoutcomes>.

WICHE Interstate Passport

We have exciting news to share! Courtesy of a grant for the Interstate Passport Transfer Initiative that Ohio just received through the [Western Interstate Commission for Higher Education \(WICHE\)](#), we can start exploring the development of general education courses with a focus on competencies.

Ohio will be joining seven western states that have already started this work, along with being one of six new states to join the group.

For more information on the WICHE Interstate Passport Initiative, visit <http://www.wiche.edu/passport/home>.

Progress Reports

Ohio Foreign Language Initiative

The two-year compliance deadline is fast approaching for the statewide foreign language TAG courses in American Sign Language, French, German, Italian and Spanish. We are only two review cycles (winter and spring) away from the submission and approval deadline that was set by the OATN Oversight Board. Please keep in mind that if a receiving institution's course is approved as a TAG course, and a sending institution's course is not approved, students with such courses will not receive equivalent credit as the learning outcomes for the two courses may differ. So it is important for all institutions with any TAG-related courses to submit their courses to be reviewed by our statewide faculty review panels. All of the necessary [forms and guiding documents](#) are available on our Foreign Language Initiative website.

Reminder: Your institutional submission and approval deadline for Arabic, Chinese and Japanese TAG courses is spring 2017. Please do not wait to act on this opportunity.

Phase III of the Foreign Language Initiative on Ancient Greek and Latin has been moving along. Our foreign language consultant has been working with the American Classical League on new standards to be incorporated into Ohio's potential statewide learning outcomes. Once the information becomes available, we will be working with public institutions of higher education in Ohio to recruit faculty content experts in the two classics areas to provide feedback on a proposal. Stay tuned for more information.

Should you have any questions, please contact Hideo Tsuchida, director of articulation and transfer policy, at (614) 644-0642 or htsuchida@highered.ohio.gov.

Advanced Placement

Recently, the OATN announced alignment recommendations for three new Advanced Placement exams. The first exam is called AP Computer Science Principles, and launches in fall 2016. Postsecondary institutions should begin receiving score reports for

Ohio Values Veterans

New Military Transfer Assurance Guides (MTAGs)

The OATN has been hard at work with multiple faculty review panels developing Military Transfer Assurance Guides to ensure statewide articulation of credit for military training, experience, and coursework among Ohio's public colleges and universities. There are currently **26 MTAGs fully developed** and ready to be used by incoming students. Many additional MTAGs are in the pipeline at various stages of research and review.

- AR-1205-0024, Army Bands Trumpet Music
- AR-1205-0025, Army Bands Euphonium Music
- AR-1205-0026, Army Bands French Horn Music
- AR-1205-0027, Army Bands Trombone Music
- AR-1205-0028, Army Bands Tuba Music
- AR-1205-0029, Army Bands Flute Music
- AR-1205-0030, Army Bands Oboe Music
- AR-1205-0031, Army Bands Clarinet Music
- AR-1205-0032, Army Bands Bassoon Music
- AR-1205-0033, Army Bands Saxophone Music
- AR-1205-0034, Army Bands Percussion Music
- AR-1205-0035, Army Bands Keyboard Music
- AR-1205-0036, Army Bands Guitar Music
- AR-1205-0037, Army Bands Electric Bass Music
- AR-1402-0168, Information Technology Specialist
- AR-1402-0169, Information Technology Specialist
- AR-1715-0928, Signal Support Systems Specialist
- CG-1715-0169, Information Systems Technician "A" School
- DD-1601-0036, Geospatial Engineer
- MC-1715-0116, Basic Electronics
- NV-1704-0004, Air Traffic Controller
- NV-1715-2089, Information Systems Maintenance Technician
- NV-1715-2307, Information Systems Technician Class "A"
- NV-1732-0026, Nuclear Power School, Enlisted
- NV-1732-0026EM, Nuclear Power School, Enlisted, Electrician Mate
- NV-1732-0026ET, Nuclear Power School, Enlisted, Electronics Technician

As new MTAGs are developed, the information will be available on the "Military" section of the Transfer to Degree Guarantee website at <https://transfercredit.ohio.gov/ap/35>.

Progress Reports (cont.)

the exam in summer or fall 2017. The recommended alignment for scores of 3 or higher on the Computer Science Principles exam is a first-semester introductory college computing course. In the event an institution does not have a similar course, 3-4 semester hours of general elective credit should be awarded. For more information on the curriculum and assessment, visit <https://advancesinap.collegeboard.org/stem/computer-science-principles>.

The second and third exams are part of an innovative new curriculum called the Advanced Placement Capstone. After a detailed examination of all of the options currently available for statewide alignment by a panel of experts, the recommendation is to award 3-4 semester hours of general or free elective credit for each of the two AP Capstone exams for a score of 3 or higher. Based on the individual institutional requirements, institutions may choose to award a more specific course or credit through individualized academic advising based on the student's research topic. For more information on the AP Capstone Interdisciplinary Investigation and Critical Reasoning Seminar, and Research Project assessments and Capstone curriculum, visit <https://aphighered.collegeboard.org/exams/ap-capstone>.

Course alignments should be submitted to the Course Equivalency Management System (CEMS) for all three exams by June 30, 2016. Should you have any questions, please contact Michelle Blaney, administrator for articulation and transfer policy, at (614) 644-9601 or mblaney@highered.ohio.gov.

Transfer Assurance Guides

As mentioned in the last newsletter, faculty content experts with OATN staff support have been working closely to determine whether the current TAG course learning outcomes need to be simply updated or revised for biology, early childhood education, public speaking/oral communication, studio/fine arts, and physical/biological anthropology TAG courses, as well as to develop a new statewide TAG course in a management-related area as

part of the Business TAG. We are pleased to announce the following progress made since the last update:

1. **Physical/Biological Anthropology (OSS002)** – Learning outcomes were updated and announced; resubmission is not required for currently approved OSS002 courses.
2. **Basic Drawing (OAH001)** - Learning outcomes were updated and announced; resubmission is not required for currently approved OAH001 courses.
3. **2D Foundations (OAH058)** and **3D Foundations (OAH059)** – A request for endorsement of the proposed revised learning outcomes for 2D and 3D Foundations courses was sent to public institutions of higher education in Ohio in early January. The survey responses are due on Monday, February 1.
4. **Public Speaking/Oral Communication (OCM013)** – A request for endorsement of the proposed learning outcomes was sent in November-December. Based on the strong support by the institutional respondents, the statewide revision panel was able to finalize the learning outcomes. An announcement for the finalized learning outcomes was sent to public institutions in mid-January. Resubmission of currently approved OCM004 courses is necessary.
5. **Early Childhood Education (OED010 and 011)** – A request for endorsement of the proposed learning outcomes for Introductory Early Childhood Development (OED010) and Families, Communities, and Schools (OED011) will be sent out in mid-January to public institutions of higher education in Ohio.
6. **Management** – The statewide faculty writing panel has met virtually and has been making great progress. The panel will continue its work during the spring term.
7. **Biology (OSC003 and 004)** – The statewide panel has been discussing and working together to revise the current course learning outcomes. Their goal is to have their proposed learning outcomes to be surveyed in February.

Progress Reports (cont.)

8. **Social Work** – Anticipating the implementation of the new national standards, the statewide faculty panel has been comparing and contrasting the current TAG course outcomes with the new national standards. Stay tuned for further development.

Thank you to all of the faculty content experts who have been willing to participate in the statewide discussion on the development/revision/update of TAG course learning outcomes. Their dedication and commitment are the true strengths of Ohio's Articulation and Transfer system.

OTM, TAG, and CTAG Submissions

Thank you to everyone who worked on TAG, OTM and CTAG submissions for the winter 2016 review cycle. The winter review is currently underway, and the spring review is coming up soon. CTAG submissions for spring are due April 4, 2016. TAG and OTM submissions are due March 11, 2016. Click on the image for a printable copy of the 2015-2016 timeline.

Questions regarding progress for the OTM/TAGs can be directed to Michelle Blaney (mblaney@highered.ohio.gov), and for CTAGs, to Ryan Cupp (rcupp@highered.ohio.gov).

Credit When It's Due

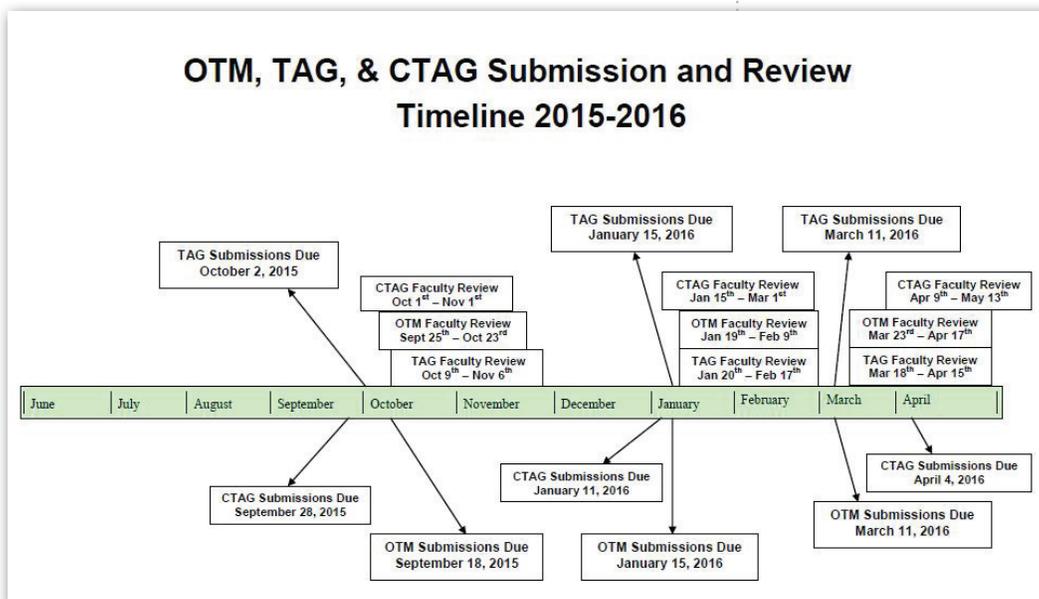
With the fall eligibility lists released in October 2015, institutions are currently working to contact potentially eligible students, send transcripts and perform degree audits for students who are potentially eligible for an associate degree from a previously attended community college. The fall timeline should be wrapped up with audits completed, degrees awarded and students notified by February 26, 2016.



CREDIT
when it's due

CWID is in the process of developing a marketing campaign. Marketing efforts so far have resulted in the creation of a brochure, which was printed with institution specific contact information, and sent to Ohio's public institutions of higher education. The next phase of the marketing campaign will involve other forms of advertising media, including electronic and traditional formats.

Questions about Credit When It's Due may be directed to Michelle Blaney, administrator of articulation and transfer policy, at 614-644-9601 or mblaney@highered.ohio.gov, or Kevin Sosa, associate director of articulation and transfer technology, at 614-387-0682 or ksosa@highered.ohio.gov, or Revathi Kumaraswamy, business analyst, at 614-466-5296 or rkumaraswamy@highered.ohio.gov.



Meetings of the Minds

Meetings since October 2015

Ohio Articulation and Transfer Network

Oversight Board Meeting – At the **December 3, 2015** Oversight Board meeting, members discussed suggestions to the Articulation and Transfer Policy Manual and CLEP Policy mentioned at the November 19, 2015 Advisory Council meeting. Members were provided an update on the Military Initiative, with hopes to streamline the future MTAG creation process. A discussion on the AP Capstone course occurred, after the November 20, 2015 AP Seminar and Research meeting. An update on the Ohio Mathematics Initiative was showcased to the attending members, acknowledging research on the development of quantitative reasoning, statistics and STEM pathways. In the afternoon, updates were provided to members on One-Year Option, Prior Learning Assessment and the Two Plus Two Initiative. To conclude the meeting, the Interstate Passport: Western Interstate Commission for Higher Education (WICHE) was announced as a newly grant funded initiative in Ohio.

Advisory Council Meeting – At the **November 19, 2015** Advisory Council meeting, attendees were provided an update on work completed by the OTM Faculty Subcommittee, with extensive updates in history and oral communications. Updates were also provided on the Natural Science Virtual Lab Summit held on September 24, 2015. Discussions covered the CLEP Statewide Policy and the Ohio Articulation and Transfer Policy Manual. Later, attendees heard updates on the Ohio Mathematics Initiative and the Academic Affairs Initiatives Timeline. To end the day, attendees listened to updates on Two Plus Two and Military and Apprenticeship Initiative, and were alerted on upcoming new CTAGS.

Ohio Values Veterans

Train-the-Trainer Event – In part two of the Train-the-Trainer Events (October 21, 2015), participants came back

and presented the training modules they had developed after the first meeting on September 23, 2015. After the meeting, the presentation materials were uploaded to the **[“Training” page on the Ohio Values Veterans Toolkit](#)** as a resource for other institutions.

Music TAG Faculty Review Panel MTAG Discussion – The Music TAG Faculty Review Panel met at the Ohio Department of Higher Education offices on **October 30, 2015** to complete reviews of course submissions for the fall review cycle, and to explore possibilities for the alignment of military training, experience and coursework to the Music TAG courses. As a result of this meeting, 14 new music MTAGs were created. The list of MTAGs can be found at **<https://transfercredit.ohio.gov/ap/35>**

HB 488 Single Points of Contact – The first convening of the HB 488 Single Points of Contact was held in the Riffe Center in downtown Columbus on **November 4, 2015**. The day started with a welcome message from Chancellor John Carey of the Ohio Department of Higher Education, Director Chip Tansill from the Ohio Department of Veterans Services, and Major General Mark Bartman, Adjutant General from the Ohio National Guard. After the welcome, there were presentations on resources available to the Single Points of Contact, things that have been happening in Ohio such as participation in the Multi-State Collaborative on Military Credit and the development of Military Transfer Assurance Guides. The Single Points of Contact formed a new, organic group that will continue to meet. The day ended with an open floor discussion to gather information and address concerns from the attendees.

Military Strategic Implementation Team – The MSIT met at the Ohio Department of Higher Education offices on **December 9, 2015**. The meeting included a review of results from the Train the Trainer events, an update on the success of the HB 488 Single Points of Contact meeting, a plan for the next six months, and discussion on financial aid (SAP) concerns.

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Meetings of the Minds (cont.)

Ohio Mathematics Initiative

Subgroup 2: Ohio Transfer Module Mathematics Statistics, and Logic Panel (November 13, 2015) – Subgroup 2 accomplished the two primary objectives it had for its meeting: refining the draft proposed Ohio Transfer Module learning outcomes for college algebra and statistics, and discussing the survey results for the proposed quantitative reasoning course.

Transfer Assurance Guides

Communication Studies TAG/OTM Oral Communication Revision Panel (October 19, 2015) – The Communication Studies TAG and the oral communication faculty panels met to gather input and feedback on proposed changes to the existing learning outcomes for OCM004 Public Speaking, discuss the implication of the proposed changes to the Ohio Transfer Module Oral Communication Guidelines, and plan next steps for both the TAG and OTM criteria.

Chinese TAG Faculty Review Panel Training (October 30, 2015) – The Chinese TAG Review Panel gathered for an orientation in Columbus. The meeting included a careful review of the new learning outcomes, training on the Course Equivalency Management System (CEMS) and an overview of the course submission and review process.

Arabic TAG Faculty Review Panel Training (November 5, 2015) – The Arabic TAG Review Panel gathered for an orientation in Columbus. The meeting included a careful review of the new learning outcomes, training on the Course Equivalency Management System (CEMS) and an overview of the course submission and review process.

Biological Anthropology Course Criteria Discussion (November 6, 2015) – The Anthropology TAG Faculty Review panel met to determine if updates were necessary to the existing learning outcomes for biological anthropology. The panel determined that updates were necessary and worked on achieving a consensus on the updates both during and after the meeting.

Additional Meetings

Credit When It's Due (CWID) Webinar (November 12, 2015) – The CWID Leads group had its monthly webinar to discuss the fall timeline and new student eligibility lists that had been sent from the National Student Clearinghouse. The group also discussed upcoming marketing efforts, including the brochure, social media advertising and an AdWords Campaign.

Advanced Placement Capstone Program (November 20, 2015) – A panel composed of Ohio public college and university representatives specializing in areas related to potential alignment options gathered in Columbus for a discussion with representatives from the College Board. To be thorough, the panel considered a number of potential alignment options, including: (1) one of the five areas of the Ohio Transfer Module (OTM); (2) interdisciplinary course credit within the OTM; (3) general education credit beyond the OTM; (4) general/free elective credit to count toward a degree; (5) a specific course in a major or specialized program (e.g., capstone, honors, critical thinking, research, interdisciplinary, seminar, etc.); and (6) an independent study or individualized study course. See the Advanced Placement article in this newsletter for details on the panel's decision.

Apprenticeship Statewide Partnership Panel (December 17, 2015) – The ASPP met at the Ohio Department of Higher Education offices. Items on the meeting agenda included a review and results of its September 19 meeting, endorsement of recommendations, updates and discussion on secondary apprenticeship programs and military apprenticeship programs.

Upcoming Meetings

- Mathematics Chairs/Leads Network – January 22, 2016
- OATN Technology Steering Committee– March 3, 2016
- OATN Oversight Board Meeting – March 10, 2016

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Meetings of the Minds (cont.)

- WICH Interstate Passport Meeting – April 4, 2016
- Ohio Transfer Module (OTM) Faculty Subcommittee – April 22, 2016
- OATN Advisory Council – May 26, 2016
- OATN Oversight Board – June 2, 2016

have of the lead expert involved with creating the CTAG.

Most recently our team has hosted statewide calls for entrepreneurship and information technology with supply chain management planned for late January. The tentative monthly schedule is listed below, and all invitations are distributed through your campus' Secondary Career-Technical Alignment Coordinator (SCTAC).

- February – Construction Technology
- March – Visual Design and Imaging
- April – Agribusiness and Production Systems
- May – Engineering Material Science

Any questions can be directed to Nikki Lewis, implementation consultant, at 614-728-2662 or nlewis@highered.ohio.gov.

Transfer Technology

OATN Technology Steering Committee

Our upcoming OATN Technology Steering Committee meeting is scheduled for Tuesday, March 8. During the meeting, we will welcome a new chair as well as additional members. We look forward to an exciting year building on our existing technologies while exploring new possibilities.

Ohio Technical Center Adult Standardized Transcript

The finishing touches are being put on the policy for the One Year Option, which will allow for the launch of the Ohio Technical Centers (OTC) standardized transcripts. OTCs have steadily been working on their version of the standardized transcript and should be ready when the policy is completed.

(CT)² Corner

SCTAI

The Career-Technical Transfer Initiative team has been busy! We are announcing new CTAGs and providing support to institutions that are submitting courses for review to become part of the statewide transfer guarantee in those academic areas. Statewide, discipline-specific webinars are being held monthly as new CTAGs are announced to postsecondary institutions. These sessions are an opportunity for faculty members to learn more about CTAGs in their field and to ask any questions they

Staff Feature

The moment we'd all been waiting for came a little early at the beginning of January. The OATN has welcomed another member to its family. Following in the footsteps of his daddy, Jared Shank, director of military transfer initiatives, baby **John Scott Shank** employed the paratrooper strategy of surprise to drop in early, surprising everyone, especially parents Jared and Robin. Weighing in at 5 lbs and 6 ounces and 19.25 inches long, this little trooper is a very special delivery.



Staff Feature (cont.)

We are excited to welcome back Senior Research Analyst Shoumi Mustafa. Shoumi spent the fall in Bangladesh as a visiting professor teaching economics at [North South University](#) – the first and largest private university in Bangladesh. Shoumi is an alumnus of The Ohio State University, and has a Ph.D. from the Department of Economics.



Left: Shoumi with a few of his students at North South University.

Bottom: Shoumi is pictured with fellow Ohio State University alumni in Bangladesh. Notice the sign in the background for coffee from Columbus, Ohio!



The OATN staff, including current and former staff members, enjoyed celebrating the season with ugly sweaters, good cookies and lasting friendship.

The gathering included a white elephant gift exchange with such infamous items as sushi socks, the bird house that keeps on giving, a kitty bank and a sea urchin wall hanging.

Can you guess who won the ugly sweater competition?

