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Chimes

THE OFFICIAL STUDENT NEWSPAPER OF CALVIN COLLEGE SINCE 1907 | OCTOBER 14, 2016 (REPRINTED MAY 2017) | Volume 111 - Issue 7

Evangelicals sign anti-Trump petition

Director of Calvin Institute of Worship, John Witvliet, among the 25,000 signatures

BY KATHRYN MAE POST
Religion Editor

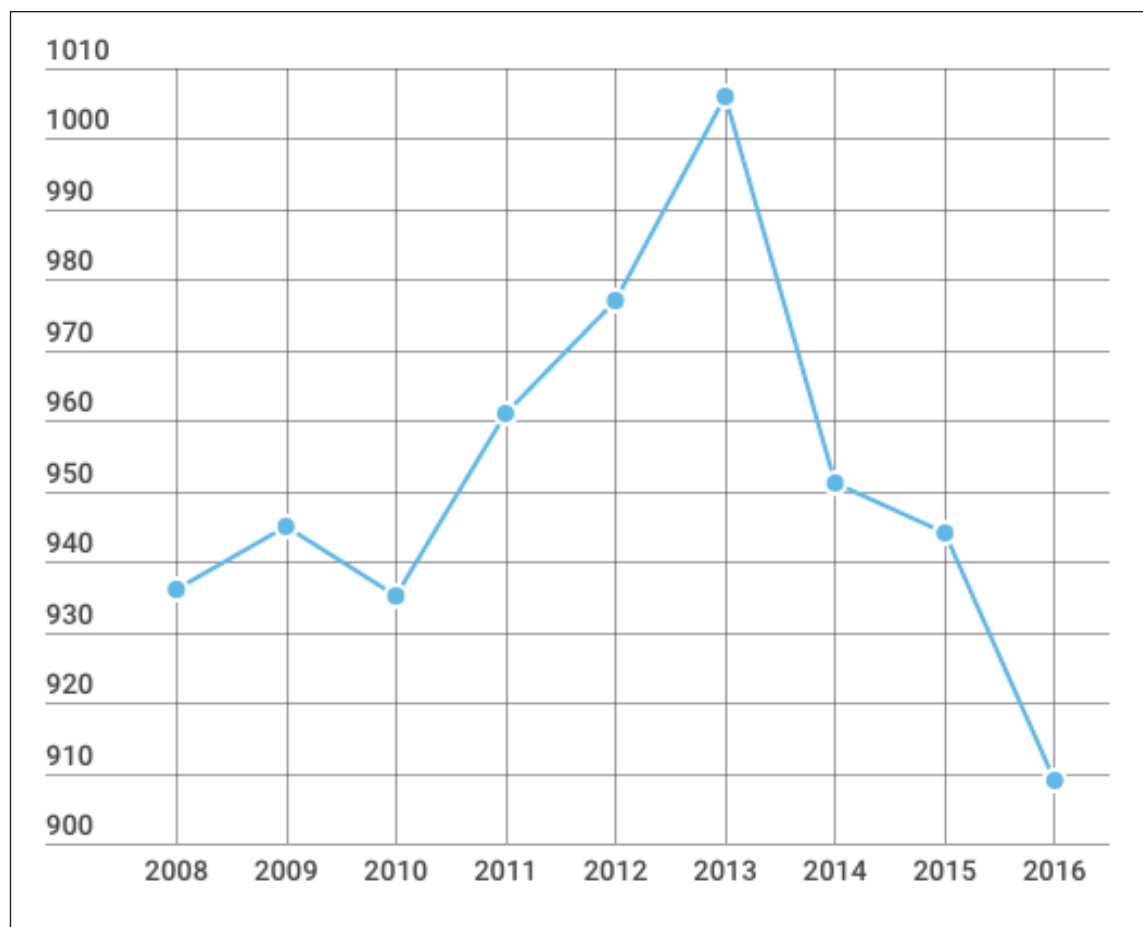
On Thursday, Oct. 6, 94 prominent American evangelicals issued an open letter against Donald Trump as a petition on Change.org. This petition identifies the diverse voices of the Evangelical church, condemns Trump's racist positions and identifies them as fundamentally and biblically wrong. The petition will be delivered to Trump once it garners 25,000 signatures.

One of the main purposes of the document was "to testify that racism is a foundational matter of the gospel."

John D. Witvliet, director of the Calvin Institute of Worship and professor at Calvin College and Calvin Theological Seminary, was one of the 94 American Evangelicals to sign the petition. He said that one of the main purposes of the document was "to testify that racism is a foundational matter of the gospel." The statement identified themes of "racial justice and reconciliation" in Jesus' ministry, themes which Christians are to pursue in their own lives. Witvliet expressed that racial issues are "fundamental matters of Christian life and witness" that are "not incidental or secondary to the gospel we proclaim."

SEE "PETITION," PAGE 9 ▶

Lowest enrollment in decades



This graph depicts the number of first time in any college (FTIAC) students enrolled in Calvin (it doesn't include transfer students).

BY JOSH PARKS
Editor-in-Chief

Calvin released this year's day 10 enrollment report last week, and the news is mixed. Both total enrollment and FTIAC (first time in any college) enrollment are down significantly from the last few years, while retention and graduation rates remain relatively steady.

This year's incoming class of FTIACs (which doesn't include transfer students) is 909, down from 944 and 951 in 2015 and 2014 respectively. This is the smallest group of incoming FTIACs since 2004. This drop occurred entirely among female students, as the number of male incoming students actually increased from last year.

Similarly, Calvin's total enrollment, which has hovered around 4,000 students since 2010, dropped this year to 3,918 students, the lowest since the enrollment office's posted data began in 1997. The enrollment office declined to comment about these statistics.

"It's really important to understand our results in the context of these trends,"
Le Roy said.

Bringing in fewer students means less tuition revenue than expected, which affects the college's budget.

"We are realistic about what this means for expenses," said President Michael Le Roy. "Lower tuition revenue will mean reduced spending for this year. We have already submitted a revised budget to the board to reflect this result and have made the necessary reductions in expenses."

Le Roy pointed to reduced numbers of high school graduates in the Midwest and Northeast as a partial explanation for the drop in enrollment. The Chronicle of Higher Education, for example, projects a drop of 15.3 percent in the number of students graduating from high school over the next 10 years.

"It's really important to understand our results in the context of these trends," Le Roy said.

SEE "ENROLLMENT," PAGE 3 ▶

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RELIGION

Nicholas Wolterstorff shares thoughts on human rights

Battle over telescope on sacred mountain



PHOTO COURTESY WIKIMEDIA COMMONS

BY DENA DE KRYGER
Staff Writer

A battle over sacred ground that began nearly 7 years ago, according to the New York Times, will come to a close within the next few months.

"It's not science versus religion," Pisciotta told the New York Times. "We're not the church. You're not Galileo."

This month, both proponents and opponents of build-

ing another NASA telescope will meet at the University of Hawaii in Hilo to begin a series of hearings discussing the construction of a deep-space telescope.

The telescope in question is the Thirty Meter Telescope (TMT), which exhibits a primary mirror 30 meters in diameter. A larger primary mirror sharpens observations and heightens sensitivity of the telescope as a whole. Theoretically, engineers could arbitrarily increase the diameter of the mirror, but decided to cut the mirror at 30 meters because this diameter was "an attractive and achievable scientific 'sweet spot' at near-infrared wavelengths," the TMT website said.

SEE "MAUNA KEA," PAGE 8 ▶



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Chimes is the official student newspaper of Calvin College. The mission of Chimes is to reform, review, challenge and foster dialogue within the Calvin community.

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THE OFFICIAL STUDENT
NEWSPAPER OF CALVIN
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CAMPUS NEWS

OCTOBER 14, 2016 | Page 2 | WWW.CALVIN.EDU/CHIMES

Play humanizes controversial figure

BY COURTNEY ZONNEFELD
Campus Co-Editor

At last Friday's presentation of "Mr. Darwin's Tree" in the Lab Theatre, British actor Andrew Harrison portrayed the titular naturalist. But that was not his only role — far from it. According to the constraints of a one-man show, Harrison embodied a whole cast of characters.

"It all begins in a garden," he said. And then, as if transported from the early nineteenth century, the young Charles Darwin appeared. The child grew into a man, and an irate father, intent on persuading his scientist son into the clergy, joined him onstage. Then Darwin's wife entered; then his children, his mentors, his friends, his rivals. By play's end, Harrison had played over a dozen characters, all interacting and conversing with one another.

"The superhero tonight was Andy in being able to do all that," said playwright Murray Watts at a conversation after the show.

The forces that brought "Mr. Darwin's Tree" to Calvin, however, were far from a one-man effort. The play was originally performed at London's Westminster Abbey in 2009, just a few feet away from Charles Darwin's grave. But, just as the naturalist's legacy extends miles beyond the United Kingdom, this production can create conversations in the United States as well as in Europe. A host of organizations sponsored its Christian college tour of North America — Scholarship and Christianity in Oxford (SCIO), the Council for Christian Colleges and Universities (CCCU) and the Templeton Religion Trust.

In Grand Rapids, science-and-faith advocacy group BioLogos worked in concert with the theater department to bring "Mr. Darwin's Tree" onto Calvin's campus. After the show, BioLogos also hosted a panel with the playwright and members of the academic and scientific community.

Thankfully, the play's simple staging allows easy reconstruction across the nation and onto the Lab Theatre stage. On Friday, two chairs framed the storytelling space, a desk served as the midpoint of Darwin husband-wife debates, and a ladder boosted the scientist to the dizzying heights of theory-creation and revolution-making.

"Mr. Darwin's Tree" opens with a little boy in a garden, fascinated by the creatures that crawl along the leaves. It ends with an old woman in a garden, pondering the eternal fate of her agnostic husband. Between these bookends, Harrison plunged the audience into Darwin's world — his childhood, his famous scientific voyages, his marriage, his daughter's early death, his constant internal struggles. After seventy-five minutes of storytelling, "Mr. Darwin's Tree" concluded with an ever-relevant coda on the naturalist's legacy. In his own day, "The Origin of Species" provoked strong reactions, and the controversy surrounding Darwin's evolutionary theory continues to the present.

"So much of Darwin [today] is a caricature," commented Dr. Stan Rosenberg, SCIO founder and executive director, during the post-show panel. As the play does not endorse a single interpretation of Darwin's theory, he believed, it creates an opportu-

nity to better engage the man's complex life and legacy. "This gives you a human, and humans create conversations."

In a talk to the Calvin Theatre Company last Thursday, the show's playwright echoed Rosenberg's concern for genuine, gracious dialogue. Watts compared the human emotional spectrum to a piano, and he noted Christians' tendency to fear the somber black keys and overemphasize the jubilant white keys. "God is not afraid of the whole piano," he said.

In "Mr. Darwin's Tree," therefore, Watts hoped to display all the tones and pitches of human life: the highs and the lows, the fears and the doubts. By depicting Darwin, the writer wanted to invite audiences to honestly engage with a contradictory man, one who admired his wife's persistent faith while clinging to his own persistent doubts.

"From a Christian point of view," Watts said, "there aren't good people and bad people. There are only lost people and found people."

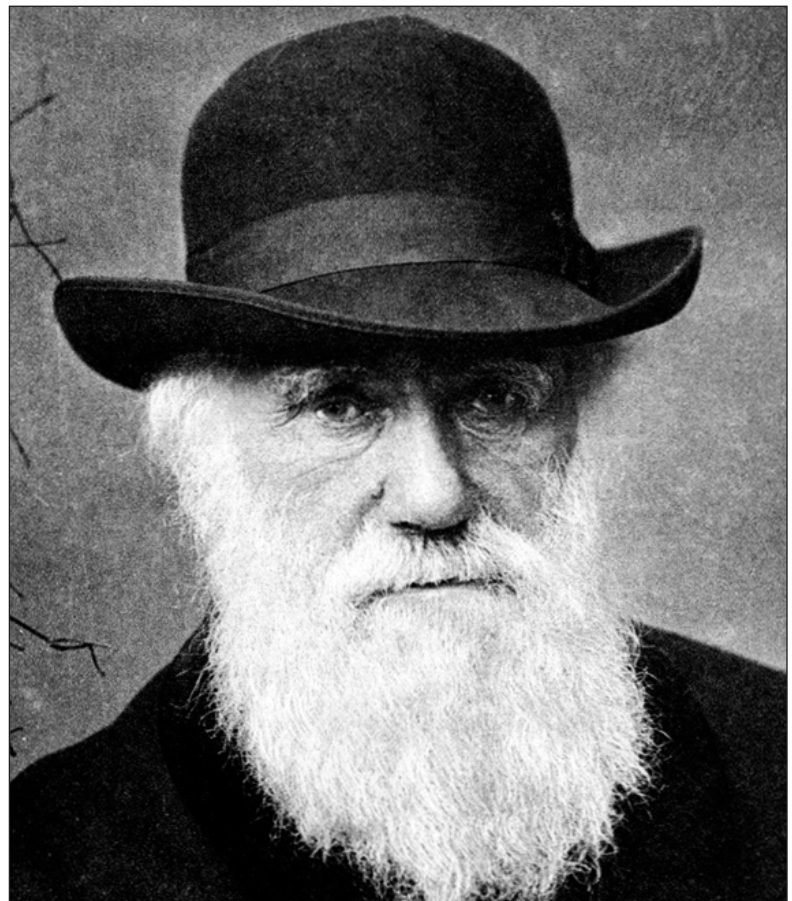


PHOTO COURTESY WIKIPEDIA

Students bond with the Bard in Stratford

COURTNEY ZONNEFELD
Campus Co-Editor

This past weekend, over thirty students, staff and faculty traveled to Stratford, ON, for a weekend of theater. The trip is a English and theater department tradition, occurring every other year.

At 5:30 a.m. on Saturday, thirty-seven people piled into a bus bound for Stratford, eager for an afternoon matinee of "Shakespeare in Love." Unfortunately, unexpected customs delays prevented the group from reaching their destination on time, and they pulled up to the theatre almost an hour after the show began.

The latecomers could still watch from a screen in the lobby — and, at intermission, they climbed up to the seats their tickets had reserved. Since "Shakespeare in Love" twists the established storylines of "Romeo and Juliet" and "Twelfth Night," many found they could still follow the play's narrative.

After dinner at the hotel, participants assumed the role of audience members once more. Some students chose a meandering path to the show, browsing and nibbling through Stratford's downtown shops. Others, wary of rapidly-dropping temperatures, preferred to ride the bus.

No matter their method, both groups found their way to the tent-shaped Festival Theatre for an 8 p.m. performance of "Macbeth." "The Scottish play," as it is often dubbed in theatre circles, is one of Shakespeare's

most-staged tragedies. Dozens of acclaimed actors, including Sir Ian McKellen, Dame Judi Dench, Michael Fassbender and Marion Cotillard, have portrayed the ambitious Scottish couple. The Stratford Festival's production featured two new additions to the list: Ian Lake and Krystin Pellerin.

"Macbeth" was easily the best show I've seen [at the Festival]," said senior Aaron Potter, who has participated in the last three Calvin-sponsored Stratford trips. "It totally blew my mind at several parts."

The Stratford Festival takes its name from the Shakespeare's hometown — and, accordingly, many of its plays revolve around the Bard. But the Festival extends

far beyond that limited scope, and so the Calvin group attended "The Lion, the Witch and the Wardrobe" on Sunday afternoon. Before settling into their balcony seats at the Avon Theatre, however, the travelers had a few hours to explore the town's downtown. Some wandered into shops in search of books, antiques or a "Cafe Canadien" (an espresso drink with maple syrup). Others chose to take pictures in Stratford's riverside gardens.

Their last theatre experience was less enthusiastically received than the previous ones. Both students and faculty praised "The Lion, the Witch and the Wardrobe" for its scenic design and prop construc-

tion. They loved the little book quotations that mixed with the screen productions, and they adored the graceful lion-puppet used to portray Aslan. Yet reactions to its directing, writing and acting were far more mixed. Students especially objected to its humorous, silly tone and its insertion of seemingly-unnecessary songs.

Even despite their criticisms, many attendees appreciated their weekend away from Grand Rapids.

"It was a weekend full of amazing theatre productions, great company and coffee that came in a cup the size of a soup bowl," said senior Ericka Buitenhuis. "What more could a college student want?"



PHOTO COURTESY FLIKR

New student senate initiatives

BY KATIE ULRICH
On-Call Writer

As representatives of the student body, each year student senate seeks to meet the needs of students across campus by undertaking new projects. So far this year, senate has 10 projects, some of which are already being implemented. Others are still in the planning stages. Senate hopes to add to this list of projects by drawing ideas from last week's "Idea Week." Whether it's partnering with groups on campus, renovating spaces on campus or starting new programs, senate hopes to implement the following projects to help serve and engage students at Calvin.

Food drive week: This past week, senate partnered with the Service-Learning Center (SLC) for the ACCESS county-wide food drive. This food drive is put on each year by the SLC, but Senate joined in the project to expand the efforts of the food drive beyond the residence halls and to get more student participation. Senate has not only aided in the promotion of the food drive, but it will also help sort the collected materials and bring them to the Access of West Michigan Organization.

Fish House renovations: The Fish House is currently undergoing renovations as a part of one of Senate's projects. There will be new carpeting, a new countertop, fresh paint and the furniture will be reupholstered.

Recreation rentals: In hopes of providing more recreational equipment to students, senate will soon be implementing a

"Recreation Rental" program. For a fee of \$2 per item, students can rent equipment such as badminton rackets and birdies, hammocks, slacklines, Frisbees and spikeball sets from the Senate office for a few hours.

Student organization lunch: In line with its core values to encourage collaboration and promote relationships, senate is seeking to open up opportunities for student organizations on campus to connect. It is planning to host a lunch for student organizations, providing a space where organizations can share ideas and connect with one another.

Social media audit: Senate will be looking into how student government organizations at other colleges use social media to evaluate senate's use of social media. Senate strives to be an active and transparent voice for the student body, and it wants to use social media as a tool to communicate with the student body.

Outside Wi-Fi: Working with the physical plant and information technology at Calvin, senate is exploring the possibility of increasing Wi-Fi strength outside of campus buildings. Senate plans to get student input on their outside Wi-Fi usage before diving into work with physical plant and IT.

2nd floor library renovations: Senate is currently in the planning stages for renovations on the 2nd floor of the Hekman Library. They plan to replace old furniture, install more power outlets and add a water bottle filler. They will submit a proposal to Calvin's cabinet this fall in hopes to complete renovations by early February.

Dorm lobby telecommunications: In an effort to improve communication on campus, senate is looking into putting TVs in the dorm lobbies that would share opportunities and announcements (such as campus safety announcements) with students in the residence halls. This initiative could make information more accessible to students on campus, but the cost constraints might prohibit the implementation of this program.

Dining hall reform: As one of the broader projects this year, senate is looking into how Calvin's dining hall system can be improved. It is considering ways in which the dining halls can be more sustainable by creating less waste and updating kitchen equipment. It is also looking into how the current

meal-swiping system can be improved to best benefit students.

Library on Sundays: Perhaps the most discussed idea for change on Calvin's campus is opening the library on Sundays. Senate is striving to have the library opened the Sundays during exam week for both the fall and spring semesters in order to give students an appropriate place to study during finals. Opening the library on Sundays has been a controversial topic and has been met with hesitation from some. Senate is currently in the process of gathering signatures for a petition to have the library open on Sunday during exam week, which it will present to the student life department and Calvin College's cabinet.



PHOTO COURTESY STUDENT SENATE

Enrollment

► CONTINUED FROM PAGE 1

The enrollment report also shows slight changes in several familiar patterns. The percentages of FTIACs who are Christian Reformed, children of alumni or Christian high school graduates all remained steady or increased slightly this year, though all three demographics have declined over the last several years. These numbers continue to decline among the total student enrollment, though the trend is slowing.

"Our new approach to recruitment and a scholarship for prospective students in these categories seems to have brought some stability to patterns in these populations of students," Le Roy said. That scholarship is the

Legacy Award, an automatic \$4,000 award for students who are Christian Reformed or children of alumni.

During the last academic year, Calvin focused college-wide on increasing its enrollment and first-to-second-year retention numbers. Retention is up in some demographics (like CRC students) and down in others (like international students), falling overall from 85.9 percent to 84.6 percent.

Le Roy said that it is too early to judge the success of last year's efforts:

"It takes at least two years to see the results from a new approach to recruitment, and we expected that this would take time. We will have a much better sense of how our tactics and strategies are working next year at this time."

NOTABLE MENTIONS

COMING UP

- **Keystone Access Pipeline Awareness** Friday, October 14, 12 p.m. @ Commons Annex Alumni Association Board Room
- **Calvin Olympics** Friday, October 14, 7:30 p.m. @ Tennis & Track
- **Chess Tournament** Saturday, October 15, 9 a.m. @ Devos 170
- **SAO Movie** *Zootopia*, Saturday, October 15, 8 p.m. @ CFAC
- **SAO Concert** Kings Kaleidoscope and Citizens and Saints, Monday, October 17, 8 p.m. @ Ladies Literary Club
- **Christian Feminism? A panel discussion** Tuesday, October 18, 7 p.m. @ Commons Annex Lecture Hall
- **SAO Concert** Tegan and Sara October 19, 2016 @ Hoogenboom Gymnasium

ANNOUNCEMENTS

- **Interested in writing for *Chimes*?**

Email chimes@calvin.edu

CORRECTION

Chimes wishes to correct a mistake in last week's article, "On Calvin's campus, sharing is (car)ing." The article read, "there is a three-hour minimum for operation." That is incorrect. The "three-hour" remark is actually in reference to two elements of the program related to reservations. Reservations must be made with a start and end time before the car can be used. Some may last longer than three hours. If the reservation must be canceled, Enterprise re-

quests that the cancellation be done three hours in advance. If the reservation is canceled within three hours of the start of the reservation, the patron is required to pay for the first three hours of the reservation, or for the entire reservation, whichever is less.

To be clear, reservations may be shorter than three hours, but if they are longer and are canceled on short notice, a minimum of three hours must be paid for by the patron.

STUDENT ORGANIZATION SPOTLIGHT: BE THE MATCH

BY THUY-TIEN NGUYEN
Guest Writer

Every 4 minutes a baby, adolescent, or adult is diagnosed with a blood cancer like leukemia, and for thousands of these patients, a bone marrow or cord blood transplant may be their best or only hope for a cure. Yet 70% of patients who need a transplant do not have a fully matched donor in their family. Patients who have a young donor have the best chance of transplant success. Donors can be their cure.

Be the Match at Calvin is an extension of a nationwide non-profit organization committed to helping those with blood cancers and other blood diseases become matched with potential bone marrow donors. This small act of a bone marrow donation can help a patient beat their sickness and continue living their life

as a healthy individual. Be the Match is devoted to encouraging students to register as available donors and to inform the Calvin community about the organization and its mission as a whole.

"Be the Match for me has been a big step into understanding how one small act of kindness, such as donating blood (or in our case, a big act of donating bone marrow), can not only save one individual's life from a blood disease, but can inspire others to do the same," said Arielle Veenstra, activities coordinator of the organization.

Be the Match hosts at least one registry drive every semester, with a table set up in Johnny's with registration forms and mouth swabs set up to sign students up. However, students don't need to wait until a registry drive to sign up to be a potential bone marrow donor! Students are always welcome to contact Stephan Buiters (sjb55) to be put on the registry.

In previous years, Be the Match has participated in hosting drives and volunteering at events such as the Zombie Dash, a 5k race where participants are chased by zombies for motivation to raise awareness for the Be the Match campaign, and Light the Night, a 5k evening walk benefiting The Leukemia & Lymphoma Society (LLS) and their funding of research to find blood cancer cures.

Two years ago, Be the Match brought The Maze to Calvin. The Maze is a faith-based magician with his own Be the Match story. This year, while the organization will not be able to bring The Maze back, Be the Match plans to expand its influence to more parts of the campus, from being present at UnLearn week to setting up registry drives at the multiple blood drives that Calvin holds.

Be The Match can also be the perfect opportunity for students in the pre-health professional programs to gain some health-

related community service all the while volunteering for an important health cause.

The organization's president, Stephan Buiters, said, "The reason I joined Be The Match as a freshman is because I was astounded by the cool opportunity it provided for me to be involved in the medical community: using my personal communication skills, passion and excitement to help a community in need -- all while not having any certificate, baccalaureate or medical degree."

For others, this cause is personal. Kayla DeWyn, secretary of the organization, said, "...Now that my little sister has cancer and I understand the pain and fear that goes along with that, I appreciate Be the Match so much more. Taking one day to donate and feeling like you have the flu for a week is literally all it takes to save a life. How amazing is that?"

Calvin College seeks to equip students to think deeply, act justly, and live wholeheartedly as Christ's agents of renewal in the world


Calvin
COLLEGE
1876

Two years removed from lowliness, Wolverines are dominating

BY MARK PELESS
Online Editor

The fourth ranked University of Michigan football team is well on its way to a meaningful showdown with Ohio State University in late November.

For now, the game's (which is the last regular season game on both teams' schedules) significance, aside from rivalry, is contingent upon both schools remaining in playoff contention. The consensus is that both teams will have to remain undefeated for their playoff contention to be legitimate.

The hype surrounding Michigan is even more enthralling once it is contrasted with the state of the school two years ago. During the 2014 season, the Wolverines were in a particularly negative spotlight. The team was 2-2 going into their late September game at home versus the University of Minnesota.

Down 30-7 in the fourth quarter, quarterback Shane Morris suffered a high ankle sprain. Morris was making

the second start of his career while regular starter Devin Gardner stood on the sideline. Despite a healthy (and what announcers speculated: better) quarterback waiting to be put in, Morris was left to limp around the pocket.

A few plays and inaccurate throws later, Morris suffered a vicious hit, whipping his head back as he fell to the ground. After laying on the ground for a few seconds, a seemingly concussed Morris wobbled his way upright with the help of teammates. Those who rushed to his side immediately motioned to the sideline for the medical staff to come onto the field.

And yet, no one went onto the field and Morris was left in for one more play. Gardner was put into the game, but after losing his helmet on a play two snaps later he was, by rule, forced to exit for one play. Despite everything that happened until that moment, Morris was substituted in for one more play. He was then removed and carted off of the field.

The controversy surrounding

head coach Brady Hoke's decision to leave in a hurt and visibly unstable quarterback, take him out and then put him back in made headlines across various media outlets.

The Minnesota game was played on September 26. On September 27, Hoke said that it was the medical staff's decision to leave Morris in the game. Hoke then said in a press conference on September 28 that "to [his] knowledge," Morris did not suffer a concussion.

On September 29 Dave Brandon — Michigan's then athletic director — cited a "serious lack of communication" between Hoke and his staff during the incident. Ironically, Brandon had not talked to Hoke since the game ended that Saturday, and went on to contradict Hoke by saying that Morris suffered from a "mild, probable concussion."

On September 30, a graduate student posted a petition online asking that Brandon be fired. It gained 10,000 signatures in 24 hours. Exactly one month later, Brandon resigned from his position amid

outrage from students over his leadership. At the end of the season Michigan was 5-7 and Hoke was fired.

Then, like a magnificent beast descending from the clouds, Michigan fans found the man who was expected to save a drowning program: Jim Harbaugh.

Harbaugh played quarterback for Michigan in the '80s, and before becoming Michigan's head football coach in 2015, he was the head coach for the San Francisco 49ers in the NFL. Harbaugh's 49ers won two divisional titles and made it to the Super Bowl in 2012.

In Harbaugh's first season at the helm of the Wolverines, Michigan finished the season with a 9-2 record and a 41-7 bowl win against the University of Florida.

Harbaugh was a polarizing figure in recruiting this past summer. He held camps across the country inviting top high school recruits to participate. These moves garnered criticism from other coaches and analysts.

This past July, University of Oklahoma head coach Bob Stoops joked about the time last spring break when Harbaugh took his players to Florida for practice instead of giving them time off.

Harbaugh and Michigan's hype entering the season was created partly by Harbaugh, but mostly by fans and analysts who evaluated the experienced and talented roster with high expectations. All-Americans Jake Butt (tight end) and Jourdan Lewis (cornerback) both returned for another year to lead the team's offense and defense.

D.J. Durkin, the team's 2015 defensive coordinator, accepted a head coaching job at the University of Maryland. Harbaugh brought in Don Brown from Boston College, who had one of the nation's top defenses in 2015.

The stars were aligning for Michigan, and so far they have not disappointed. The team is off to a 6-0 start. Critics have cited a weak schedule for Michigan's success, despite the team's week five win over eighth ranked Wisconsin.

The Wolverines are averaging 50 points a game, and after last week's 78-0 victory over Rutgers University they jumped ahead to become the number one defense in the country.

A few days before Stoops' comment on Harbaugh, ESPN contributor Paul Finebaum criticized Harbaugh for focusing too much on his celebrity and not enough on the team.

"Jim Harbaugh should worry about beating Urban Meyer before becoming the next Jay-Z," said Finebaum.

In the end, Harbaugh's legacy will be decided not by his yearly win and loss totals, but whether or not he can bring a championship to Ann Arbor; and more pressingly, whether he can beat Ohio State.

From this point on, Michigan fans will be looking to the Ohio State game on the schedule, and hope that it can propel their team into the college football playoffs.



PHOTO COURTESY WIKIMEDIA COMMONS

Men's soccer triumphs to 5-1 victory over Hope

BY PURUN YEO
Sports Editor

On Tuesday afternoon, the Knights men's soccer team secured yet another victory against Hope at the Zuidema Field, finishing steadily with a score of 5-1.

In the first half of the game, Calvin dominated the game with nine shots to the goal. Of these, two slipped past the hands of Hope goalkeeper, Blair McCormick. Isky Van Doorne shook the net first, scoring the first goal at the 26th minute. After a few missed shot, Calvin's Ian Adams scored the second goal from a corner kick by Matt Hinds just minutes before the half time.

The second half of the game began with a series of fouls and substitutions as each team fought for the upper hand. Ten minutes into the second half, Calvin's Jay Noyola received a yellow card for a foul, giving the Flying Dutchmen a freekick. Hope's Alex Lindsey curved the

ball into the net, closing the gap of the score to 2-1.

The Knights responded to the Dutchmen with three goals, finalizing the results of the game. Assisted by David Waterson, Ian Adams secured Calvin's third goal in the 77th minute. Within three minutes, through a pass past the defenders, Calvin's Isky Van Doorne scored Calvin's fourth goal. After this goal followed a series of substitutions by Hope and Calvin. However, within two minutes, Hope's net was rattled again with a shot made by Ian Adams in the 82nd minute.

In this game, Ian Adams scored a hat-trick and Isky Van Doorne scored a brace. David Waterson helped insured two goals through two assists. This game marked the 102nd game between Calvin and Hope. From 2014, Calvin has won seven straight games against Hope. The current record for the Calvin and Hope men's soccer rivalry is at 57-34-11.

Men's soccer head coach Ryan Souders, pleased with

the team's performance, commented. "I think two things come into play. In a rivalry game anything can happen. Secondly Hope is a much better team than its record shows. Alex (Lindsey) had an unbe-

lievable free kick strike. To the credit of our guys, they showed great resolve after Hope scored. We didn't lose our heads, stayed composed, played with energy, created chances and we were able to finish

those chances which was really nice."

The men's soccer team will play again this Saturday playing against Kalamazoo at 2:30 p.m. for the second time this season.



PHOTO COURTESY CALVINKNIGHTS.COM

Voter guide to the November 8 election

A look at what's on the ballot, using Calvin College's address to determine districts

BY CAROLYN MUYSKENS
Local Editor

■ ■ Elected to 2-year term
■ ■ ■ ■ Elected to 4-year term
■ ■ ■ ■ ■ ■ Elected to 6-year term
■ ■ ■ ■ ■ ■ ■ ■ Elected to 8-year term

🇺🇸 Republican Party
 🇩 Democratic Party
 🇺🇸 Libertarian Party
 🇺🇸 US Taxpayers (Constitution) Party

Three weeks out from election day, Chimes presents a complete overview of state and local races, excluding the presidential race, which is so extensively covered elsewhere. The districts on this ballot are those that Calvin's address falls into.

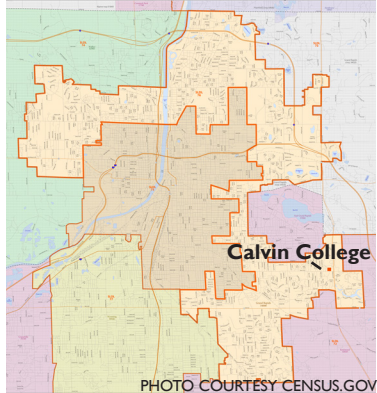


PHOTO COURTESY CENSUS.GOV
In orange, Michigan House of Representatives District 76.

NATIONAL GOVERNMENT

US House of Representatives District 3 ■ ■

- 🇺🇸 Justin Amash -- incumbent
- 🇺🇸 Theodore Gerrard -- electrical contractor
- 🇩 Douglas M. Smith, Jr. -- sheet metal worker

STATE GOVERNMENT

Michigan House of Representatives District 76 ■ ■

- 🇩 Winnie Brinks -- incumbent
- 🇺🇸 John George -- retired engineer
- 🇺🇸 Brandon Hoezee -- stocker
- 🇺🇸 Casey J. O'Neill -- owner of EMS Grand Rapids

EDUCATION

State Board of Education (2 seats) ■ ■ ■ ■ ■ ■ ■ ■

What is this? --- The State Board of Education advises the legislature on issues of educational policy and helps to determine the state budget for education. The board consists of eight members who serve eight-year terms.

Regents of the University of Michigan (2 seats) ■ ■ ■ ■ ■ ■ ■ ■

Trustees of Michigan State University (2 seats) ■ ■ ■ ■ ■ ■ ■ ■

Wayne State University Board of Governors (2 seats) ■ ■ ■ ■ ■ ■ ■ ■

Why are these state university seats on the general election ballot?
--- Michigan is just one of four states in the US to select the governing boards of its state universities via public election. The public election of these governing boards is a provision in the state constitution.

Grand Rapids School Board (4 seats) ■ ■ ■ ■

Grand Rapids Community College Trustee (1 seat) ■ ■ ■ ■ ■ ■

LOCAL GOVERNMENT

Kent County Commissioner (19th District) ■ ■ ■
--- The 19th district elects one member to the 19-member board of commissioners, which is the chief legislative and policy-making body of Kent County.

- 🇺🇸 Shana Shroll -- incumbent (County Commissioner)
- 🇩 Phil Skaggs -- legislative director for state representative David LaGrand

Kent County Clerk & Register of Deeds ■ ■ ■ ■ ■
--- The county clerk manages county elections and maintains public records.

- 🇺🇸 James Lewis -- printer
- 🇺🇸 Lisa Posthumus Lyons -- state representative, 86th district
- 🇩 Chris Reader -- software developer

Kent County Treasurer ■ ■ ■ ■ ■

- 🇩 Jody Betten -- clergy
- 🇺🇸 Kenneth Parrish -- incumbent

Kent County Prosecutor ■ ■ ■ ■ ■

- 🇺🇸 Chris Becker -- Chief Assistant Kent County Prosecutor
- 🇩 Alida Bryant -- attorney

Kent County Sheriff ■ ■ ■ ■ ■

- 🇩 Michael Scruggs -- Kent County Board of Human Services
- 🇺🇸 Lawrence Stelma -- incumbent

Kent County Drain Commissioner ■ ■ ■ ■ ■

--- The drain commissioner manages the county's drainage of storm water, which is the primary contributor to water pollution.

- 🇩 Rachel Hood -- project manager
- 🇺🇸 Ken Yonker -- state representative

GRAND RAPIDS COMIC-CON

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GRAND RAPIDS, MICHIGAN**

OCTOBER 21-23, 2016

- **KEVIN EASTMAN**
Teenage Mutant Ninja Turtles
- **WIL TRAVAL**
Jessica Jones, Arrow, Once Upon a Time
- **JAE LEE**
Batman/Superman, The Inhumans
- **DENISE CROSBY**
Star Trek: TNG, The Walking Dead
- **BOB CAMP**
Ren and Stimpy Creator
- **SEAN MAHER**
Firefly, Batman: Bad Blood

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BALLOT PROPOSALS

John Ball Zoo and Grand Rapids Public Museum millage

John Ball Zoo and the Grand Rapids Public Museum have teamed up to propose a 10-year 0.44 mill (\$0.44 on each \$1,000 of taxable value) increase of property tax to establish a stable source of funding for the zoo and museum who have faced significant funding cutbacks over the past few years. The millage would cost the average homeowner an additional \$37.44 a year, or \$3.12 a month, to generate a projected \$8.9 million a year. The revenue will be split between the zoo and the museum and used to fund operations and reduce the cost of admissions to both the zoo and the museum. If the millage passes, the museum has proposed offering free admission to under-17s.

Kent County Enhanced 9-1-1 Public Safety Dispatch Proposal

A 20-year 70-cent-per-month surcharge on private phone lines will, if passed, fund the overhaul of the county's outdated emergency dispatch system. According to the Grand Rapids Press, the current system is a patchwork of different systems that does not allow for cross communication between first responders and local and state police officers. Funds raised would be used to transfer the county dispatching system onto the system used by the state police, the Michigan Public Safety Communications System. The surcharge of 70 cents per month increases the current 45 cent charge, bringing the total yearly cost per phone to \$13.80. The surcharge would raise an estimated 4.5 million a year, half of which would be delegated to the technological upgrades, the other half to operational costs.

COURT JUSTICES AND JUDGESHIPS

Justice of the Michigan Supreme Court, incumbent position

Justice of the Michigan Supreme Court ■ ■ ■ ■ ■ ■ ■ ■

Judge of Kent County Probate Court

17th Circuit Court Judge

- >Non-Incumbent Judge
- >Incumbent Judge
- >New Judgeship

61st District Judge of District Court

59th District Judge of District Court

Ballot information retrieved from MLive.com, Michigan Secretary of State website and BallotPedia.

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Calvin College Broene Counseling Center



2017 Interim Opportunities

A few sneak peaks of what January could look like for you.

As fall is just beginning to show its colors in the slow changing leaves, students are far from thinking of the cold winds of winter. Yet the time for planning for the upcoming semester is drawing nearer. Advising days are fast approaching, and along with that reality comes the need to pick out a new schedule of classes and choose an Interim course to take for the month of January, when the winter season will be well upon us. It might help some students to get a sort of sneak peak into some of the possibilities of the approaching Interim.

Professor Donald Hettinga's journalism class recently completed an assignment involving the description of an Interim opportunity for this coming month of January. We're printing these brief stories in *Chimes* to give students an idea of what they have the opportunity to take this year.

Crime and Detective Fiction

Dena De Kryger

Entertain your inner sleuth and travel back to the authors that began the sensation that is the "Crime and Detective Fiction" Interim course.

In "Crime and Detective Fiction," you can join Garth Pauley from the communication arts and sciences department in the exploration of crime investigation before the genre appeared on every television channel. The course covers the development and evolution of the genre, including works from Edgar Allen Poe, Arthur Conan Doyle and other classic American, British and Scandinavian authors.

"I loved being exposed to different authors from all over the world," said senior Kellee Dragt. "Each author and book brought a whole new perspective to 'Crime and Detective Fiction.'"

Learning about the development of the crime investigation and detective genre would not

be complete without a bit of cinematography. Many TV shows glorify both sides of sleuthing, creatively portraying a different perspective on crime. Dr. Pauley shares TV shows such as the BBC's "Sherlock" to approach crime and detective fiction from all angles.

DCM: Understanding Japanese Mindset

Saraphina Sefcik

Have you ever wanted to travel halfway around the world without leaving your seat? Well, your hope can come true this January in the Interim course "DCM: Understanding Japanese Mindset."

In this DCM course, students survey the Japanese culture by paying close attention to the values and principles that make up the Japanese mindset. Students will begin to learn and understand how the various Japanese religious beliefs and rituals are integrated into everyday Japanese life.

Japanese language professor Kaori D. Schau will challenge students to compare their faith to the Japanese faith in order to learn more about themselves.

"My hope is that students will reflect deeply about what they believe," said Schau.

Through reading, video clips and group discussion, students will the opportunity to reflect and grow in their faith.

Embracing other cultures encourages students to "appreciate the world God made" in other ways beside our own views, said senior Jeiel M. Burrell, a Japanese major.

Moral Complicity in Film

Brandon Schreur

Students with an interest in film that extends past Hollywood blockbusters, who are looking to discern culture thoroughly and want to apply their philosophical knowledge to the outside world will be given the opportunity to do so this January in the Interim class "Moral Complicity in Film."

The class, taught by philosophy professor Gregory Mellema, is ideal for students with a passion in either, or both, philosophy and film. Each session includes a philosophy-based lecture, which is a film screening that gives students a chance to apply their recently acquired knowledge and a chance to discuss the film.

"As someone who enjoys watching films that approach moral dilemmas, this class gave me new

tools on how to examine film even more intellectually," said Chris Greaves, a former student of the class.

Last year students watched films such as "Double Jeopardy," "The Big Kahuna" and "The Shawshank Redemption."

"People should take this course since there's such a variety of messages to be explored in film," said former cultural discernor Donny Koop. "It's important to dig deep and see films in different lights. That leaves a lot of philosophy to be explored."

Entrepreneurship in the Creative Arts

James Westenbroek

Students nearing graduation often face the uncertainty of what the next chapter of their lives will entail. Stepping off of the graduation stage and into a career is a daunting task for almost everyone, but especially for students focused on the arts.

"Entrepreneurship in the Creative Arts" is an Interim course designed to help students think about the decisions that lay ahead of them. Students tour local creative art institutions, engage with guest speakers, learn ways to find employment in the arts and more.

"You have to think about what the customer wants, and you have to do what the customer wants" said one of the course's professors, Jill Risner. "But as an artist, you want to do what you want to do, to be true to your art. It's a really difficult thing to solve."

"The ideal student is a junior," said Risner, and while most seniors don't take an Interim, "a senior would be good too."

Risner is a professor of business at Calvin. She has taught the course for the past two years with Sam Smartt, a professor of communication arts and sciences. The course will be available to students again in 2018.

Interim in Mexico

Katie Boender

Students who have a passion for the Spanish language and are ready to have their boundaries pushed should consider taking "Spanish in the Yucatan" for Interim 2017.

During this Interim abroad, students live with Mexican host families, may only speak in Spanish, and go on excursions to several ancient ruins, beaches and museums.

This Interim is required for Spanish minors who do not take a semester abroad. However, Sarah Hoff, a participant in this Interim in 2016, said this trip is much more than just a requirement.

Besides simply loving Mexico, Hoff said that between the culture, excursions and host family, this trip was an amazing experience.

Would Hoff recommend this Interim? Absolutely. She recommends this Interim because you get to meet and become close to a host family and experience a different culture, which was incredible but also challenging. "You have to deal with things that don't go your way," she said, "so it's good character building."

Spiritual Strength Training

Sadie Burgher

This January, students have an opportunity to experience transformation and deeper intimacy with God in "Spiritual Strength Training," a course designed to tune students' hearts to the guidance of the Holy Spirit through extensive prayer, mentorship and discovering their spiritual gifts.

The course is "intensely spiritual and intensely academic," said senior Luke Harkema, who took it in 2015. "It made me struggle, it made cry out to God. Intellectually, I gained knowledge of the working of the Spirit in the modern era and spiritually, became more accepting and receptive of the miraculous works of God."

An unusual key to the course's success is the force of 20-30 volunteers from a local branch of the Dunamis Project, a ministry that seeks to teach people how to "live into God's wholeness for our lives and be empowered by the Holy Spirit," said Harkema. Volunteers serve as mentors for small prayer and process groups of 4-5 students; they also pray without ceasing through the duration of every class period for students to truly encounter the power of the Holy Spirit.

"For some students," Harkema said, "this course changed their lives."

DCM: Local Foods

Kayleigh Fongers

Students with an appetite for learning about local foods should consider taking the "DCM: Local Foods" course this Interim.

In this class, students will learn to explore the lifestyle and environmental implications of the standard American diet and contrast this with healthier local options.

Activities such as field trips, films and hands-on activities will keep students engaged and enable them to learn about how Michigan is striving to become more self-sufficient with food.

Kylee Smith, a previous student of the course, said she enjoyed the class because it taught her to view her perception of food in a more insightful way through experiences beyond the classroom.

"I enjoyed this class because we went on so many field trips, such as visiting farms," Smith said. "It was cool to learn about local foods outside of the classroom."

Smith said she would "definitely take this class again" if she could and recommends it to any student who may be interested.

DCM: Jewish Thought and Culture

Kelsey Powers

If you're interested in Judaism and its rich history and cultural contributions, you should consider the DCM class "Jewish Thought and Culture," taught by philosophy professor David Billings.

In this class, students will not only learn about Judaism, but also how Jewish thinkers have contributed to things such as philosophy or culture, as well as how the Jewish conceptualization of God differs from the Protestant/Reformed conceptualization.

There will be readings from different Jewish philosophers and Rabbis, documentaries — one student recalls one that stuck in his mind about a couch being passed from one generation to the next — and from the book "The Forgotten" by Holocaust survivor and Nobel Laureate Elie Wiesel, in addition to the usual readings for all DCM classes. Junior Josh Parks, who took it his first year, recommends the class "if you're prepared for the amount of work." He enjoyed it and learned a lot, but found it to be more work than the classes his friends were taking.

If a challenge, a learning experience or Judaism catches your eye, this may be a class for you.

Joyce Yu-Jean Lee presents “Verti Call” to art gallery

BY ADRIENNE LAMBERS
Guest Writer

“Hoof prints? Wait, maybe coffee beans?” We trade guesses as we examine the shape repeated across the long piece of brown paper. It’s simple — an outline made by a few contour lines — but duplicated 84 times in 7 different colors. The paper hangs on the white wall of Gallery 1 in Calvin’s Center Art Gallery, and the shapes are projected in blue-green light along the wooden floor. The room is silent as people watch the shapes at their feet create different patterns and pictures. Every so often, someone’s movement catches the attention of the motion-censored skylight, and the small purple LED lights cast a cool glow over the room.

The unidentifiable shapes are the product of one person’s prayer. Artist Joyce Yu-Jean Lee spent 28 days in prayer over the United States 2016 presidential election. Three times a day, Lee unrolled a section of paper and knelt upon it. She then traced the outline of her legs and feet on the paper, creating the 84 shapes hanging on the wall and shifting across the floor. Lee took the shapes on the paper and animated them to move in different configurations. Anyone can walk into the gallery and enjoy the way the lights move along the floor. But the patterns can be appreciated on a deeper level if one enters the smaller, side gallery.

Gallery 2 currently contains “Pathways to the Divine,” a

collection of Middle Eastern prayer rugs on loan from Jim and Marcia Verbrugge. Thirteen rugs hang on the wall, each a rich and beautiful piece of cultural history. Prayer rugs function as “portable mosques” for prayer, as Muslims pray 5 times a day in order to physically and spiritually re-orient themselves towards Mecca. Certain symbols and patterns in the rugs serve as reminders for Muslim worshippers, helping them focus their minds on the daily discipline of prayer.

Lee saw these rugs, and it’s no coincidence that the patterns on the floor echo the patterns next door. As an installation artist, Lee often works “to spec” — meaning she creates for a certain space. After Joel Zwart, Calvin’s director of exhibitions, invited Lee to exhibit at the Center Art Gallery, she came to check out her space. She noticed the large skylight and wood floors in Gallery 1, and saw pictures of the rug exhibit that had yet to arrive. Lee was inspired.

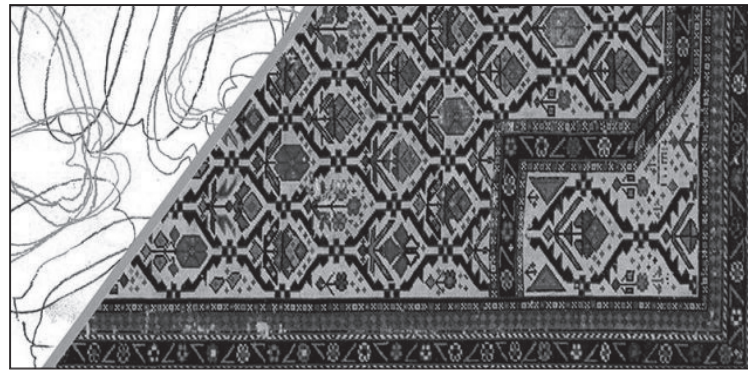


PHOTO COURTESY CALVIN.EDU

“Verti Call” highlights Muslim American faith.

She organized the shapes into patterns that echo the prayer rugs, and thus the room itself becomes a prayer. The projections weave a rug on the floor, and the motion-censored skylight reminds viewers that someone is listening up above. Lee sees her project as a gesture of empathy to Muslim Americans living through this year’s presidential race. Muslim Americans are often a hot topic for candidate debates, and Lee felt a connection to them as both a person of faith and a child of immigrants. Though she did not originally intend to make a political statement, Lee realized that she could not separate her personal life from the political climate. Though “Verti Call” can be enjoyed without this context, as the lights are dazzling and the space is quiet, Lee hopes that some observers will “pause, and remember,” how difficult it can be for Muslim Americans to live out their faith.



Calvin welcomes Ingrid Michaelson

BY NATALIE HENDERSON
Staff Writer

Many American millennials who have picked up a ukulele have likely tried to learn the six chords necessary to play Ingrid Michaelson’s “You and I”. It’s the most played song on her Spotify page, but it hasn’t always been Michaelson’s favorite.

Ingrid Michaelson came to Calvin on Friday for a show in the Hoogenboom gym. Grand Rapids was her second stop in a string of 35 upcoming shows on her “Hell No” Tour. During a transition in the show, Michaelson shared insight on her experience of the famously catchy “The Way I Am”: “I played it so many times, I kind of lost it, and I didn’t feel like it was mine. But now I’ve come full-circle, and I appreciate it. I’m a different person since when I wrote it.”

Michaelson is a prolific writer, and some of her most substantial songs might not be her most well-known, proving she’s a lot more than happy lyrics and catchy tunes. Michaelson described Saturday’s setlist as “manic,” switching between sad and happy songs. However, there was a level continuity to the show. The visu-

als, song selection and instrumentation together produced a tender nostalgia. Her belief in the power of love and hope brought light and life to the audience as they sang along with enthusiasm and joy. On her solo songs, like “Drink You Gone,” Michaelson performed with a raw and simple beauty, as though she was working out a song in her living room at home.

You may not have recognized her in this new, pop style on her most recent record. The most popular song of that record is “Hell No.” Michaelson still retains that iconic and liltily soothing voice, but the instrumentation on many of the songs on the new album is more synth-heavy than her early works, which are mostly grounded on acoustic guitar, piano and vocals. Although there is an element of pop sound on “It Doesn’t Have to Make Sense,” Michaelson does not stick to the standard pop topics. With her split from Greg Laswell and the passing of her mother, both in the span of two years, Michaelson investigates the more difficult things of life while still holding on to that hopeful, beautiful optimism and belief in the power of love she has consistently expressed in her music.

“Miss Peregrine’s Home for Peculiar Children” a so-so outing for director Tim Burton

BY SADIE BURGHER
Sci-Tech Editor

Since early childhood, Jake’s grandfather Abe regaled him with fantastical tales of his adolescence spent battling massive, tentacled monsters and living at “Miss Peregrine’s Home for Peculiar Children,” where his peers included, among others, Emma, a girl as light as air; Olive, who could set things on fire with a brush of her bare hand; Millard, an invisible boy; and Claire, with huge, chomping jaws concealed under her delicate blond curls.

Alas, Jake’s dad soon convinces the boy that his grandfather’s stories are naught but a coping mechanism to deal with tragic reality: the “monsters” Abe supposedly fought were actually German soldiers, Jake’s dad insists. Soon after Abe left the orphanage he grew up in for the army during WWII, it was bombed by the Germans, killing the children and headmistress he knew as family. After years of believing in the reality of Emma, Olive, and the others, Jake quietly tells his grandfather he no longer does, and returns Abe’s gift from years prior: a box of photographs depicting Miss Peregrine and the Peculiar Children.

A few years later, Jake finds his grandfather supine and bloody in the woods with his eyeballs missing, the trees shaking and a fleeting glimpse of an eyeless, tentacle monster. “I should have told you years ago,” Abe chokes out, and begs Jake to seek out “the bird, the loop, and September 3, 1943.” Miss Peregrine, he insists, is not dead and will explain everything.

In counseling for the trauma of finding his mutilated grandfather, a psychologist is quick to support the notion of Jake’s taking a trip to Wales with his father, to try and find Abe’s orphanage in order to get some closure on his passing; they arrive only for Jake to find it in ivied ruins, the roof missing and the interior blown apart by a German bomb decades earlier.

Despondent, Jake pokes through the home’s charred remains and is terrified to find himself surrounded by Emma, Olive and several of the other children — all very much alive and wanting him to return with them to Miss Peregrine. Curiosity overcomes the boy, and he joins them as they travel back in time to Sept. 3, 1943: the day the home was bombed, and the day Miss Peregrine and the children have been living in a loop, created by the headmistress herself, ever since.

Thus begins “Miss Peregrine’s Home for Peculiar Children,” the latest film by Tim Burton, a director who is legendary in his penchant for the peculiar. Based on the 2011 book by Ransom Riggs, “Miss Peregrine” delivers the visual beauty, unmistakable characters and dose of weirdness we have come to expect from Burton films. His signature is evident from beginning to end here — the opening scenes in Abe’s neighborhood, set in Tampa Bay, Florida, evoke strong memories of the suburban neighborhood setting in “Edward Scissorhands” (1990), while Abe’s passion for telling his seemingly fantastical stories as factual accounts to young Jake reminds us of Edward Bloom’s tales in “Big Fish” (2003).



PHOTO COURTESY 20TH CENTURY FOX

“Tim Burton is legendary in his penchant for the peculiar.”

While visually appealing enough in the beginning, the scenes post Jake’s arrival at the Home are absolute eye candy, with flawless set design on the grounds and interior of the home, beautiful costuming and makeup on Miss Peregrine and the children, and a stunning underwater scene inside a wrecked ship. From muggy Florida to misty Wales, a powerful sense of place is evident in each set location.

Burton makes an exceptionally good choice in casting Eva Green as the unforgettable Miss Peregrine. Previously seen in Burton’s “Dark Shadows” (2012), Green embodies the whip-smart, pipe-smoking manipulator of time with crisp and brilliance. Her every moment onscreen is infused with unabating energy and presence, and her avian grace makes her ability to shapeshift into a peregrine falcon fully believable. While Miss Peregrine keeps high standards for her charges and runs a tight ship in the home, she is well balanced with obvious affection and sacrificial love for the children. Green’s striking, memorable work in this role

will, hopefully, ensure her a place in future Burton films, as the work of Johnny Depp and Helena Bonham Carter has done for them.

In contrast, Asa Butterfield’s work as Jake couldn’t be more blasé. Personally, I’m still having a difficult time discerning whether Butterfield simply isn’t a talented actor or if the character of Jake is actually intended to be so uninteresting. Perhaps the latter is the case, or perhaps Butterfield’s mediocrity just becomes painfully apparent when seen alongside the rest of the mostly excellent actors in the film.

Ah, and now to the romance: the unnecessary, chemistry-free, uninspiring and absolutely predictable romance between Jake and the light-as-air Emma. This is no spoiler; unless you’ve never watched a movie with teenagers as the main characters, we all know it’s going to happen the minute they meet. I shouldn’t be too frustrated at the inclusion of such an annoyingly predictable event, but I do take issue with the absent chemistry between the two. If a teen romance was

really so essential to the film, at least it could have been more interesting to watch.

While the film’s good qualities shouldn’t be discounted, viewers seeking a shocking or unexpected film experience shouldn’t go into “Miss Peregrine” with high hopes. It is beautiful, but the storyline features little that could be considered new or overly exciting, not the least of which is yet another mostly white cast. Given that the film is set primarily in Wales, the lack of racial diversity among the cast is regrettable, though not terribly surprising at first.

However, when noted in the context of a recent interview Tim Burton gave to Bustle, it becomes problematic in response to queries on the reasons for his predominantly white cast in “Miss Peregrine,” (and all his previous films), Burton said that while lack of diversity is becoming an issue of concern in Hollywood, “things either call for things, or they don’t.”

Burton’s statement seems to reflect an attitude that sees the inclusion of nonwhite actors in his cast as a task to be carried out under special circumstances only. Thus, his choice of African-American actor Samuel L. Jackson as the main villain in “Miss Peregrine” is more than a little unsettling. Samuel L. Jackson is the first black actor to play a main role in a Burton film, and while Barron’s character is an excellent role to which he brings all his brilliance, it stings to realize that, in Burton’s mind, only the villainous role “called for” a black actor.

SCIENCE & TECHNOLOGY

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Mauna Kea

▶ CONTINUED FROM PAGE 1

In the late 1990s, NASA made plans for three giant telescopes costing billions: the European Extremely Large Telescope (Chile), the Giant Magellan (Chile) and the Thirty Meter Telescope (Hawaii).

Mauna Kea, located on the Big Island of the Hawaiian archipelago, is the sacred mountain and ideal location for the telescope — it receives little light pollution, which distorts the quality of telescope vision and photography, and is a dry landscape with relatively calm weather.

In addition, Mauna Kea's summit would plant the tele-

scope at 13,100 feet above sea level, nearly two and a half miles above the thickest atmospheric interference. For this reason, 13 other telescopes were constructed on Mauna Kea over the past 46 years.

Mauna Kea's summit would place the telescope at 13,100 feet above sea level.

Mauna Kea has long been a significant and important cultural sanctuary to many native Hawaiians. Many use Mauna Kea as a ceremonial site for spreading cremated remains, and leave offerings

on roads and existing structures.

To native Hawaiians like Lanakila Mangauil, a strong opponent to the TMT construction, Mauna Kea is a sacred place, "the wau akua, the realm of where the gods live," Mangauil said to the New York Times.

In 1968, the University of Hawaii took out a 65-year lease for 11,000 acres of land encompassing Mauna Kea. Many protesters began to distrust the University of Hawaii because, two years later in 1970, the university allowed the construction of telescopes on the mountain.

Some Hawaiians support the TMT construction, noting

the importance of astronomy to Hawaiian culture, stated the Hawaii Tribune-Herald. The mission of the TMT is analogous to the search for ancestral origins of the universe, Wallace Ishibashi Jr. told the New York Times.

Mauna Kea is a sacred place, "the wau akua, the realm of where the gods live"

On Sept. 27, 2016, a convoy of vehicles brought nearly 30 individuals to the summit of Mauna Kea for a site visit. This group

included representatives from each party involved in the hearings, which were slated to begin on Oct. 11, 2016, but were postponed when Richard Naiwieha Wurdeman, an attorney representing opponents to TMT construction, withdrew from the case due to scheduling conflicts, according to the Washington Times.

Kealoha Pisciotta, a former telescope operator on Mauna Kea, has become a leading voice against the further construction of telescopes on the mountain. "It's not science versus religion," Pisciotta told the New York Times. "We're not the church. You're not Galileo."

Mineral Spotlight

BY DANIEL BLAKEMORE
Staff Writer

Through my time working for the Dice Mineralogical Museum, the question visitors most frequently ask of me is to identify my favorite mineral. For such a seemingly straightforward inquiry, I find myself having a harder and harder time answering this every year. There are over 5,000 minerals properly identified on Earth, and, personally, choosing one is like choosing between children, so I seem to change my response every other week. However, the piece in our museum I find myself identifying as my favorite more often than not (at least this month) is a large cross-section of a rhodochrosite stalactite from Argentina, currently displayed prominently in our frontmost case.

Rhodochrosite is a unique mineral, in that it can achieve an amazing color unlike any other. It ranges from a light pink to a deep ruby-red, and can be mystifyingly transparent. Rhodochrosite forms in many spectacular habits, such as stalactitic, as

radiating crystals and perhaps most famously as sharp rhombohedrons. Argentina is famous for its spectacular stalactitic rhodochrosite occurrences, and when cut through the center, the intricate growth pattern is displayed in beautiful pink circles.

Rhodochrosite, as well as many other minerals, owes its pink color to the element manganese (Mn). Rhodochrosite is manganese carbonate, which is similar structurally to the very common rock-forming mineral calcite. There is a mineral species that is a cross between rhodochrosite and calcite, called manganoan calcite, which has the formula $(Ca,Mn)CO_3$. Manganese is also responsible for fluorescence in many minerals under ultraviolet light. The black manganese oxide mineral pyrolusite is often found associated with rhodochrosite, which contrasts nicely with the deep pink.

Come see our incredible rhodochrosite pieces for yourself at the Dice Museum, located on the first floor of North Hall, and open Wednesdays, Thursdays and Fridays from 12:30 to 4 p.m.!

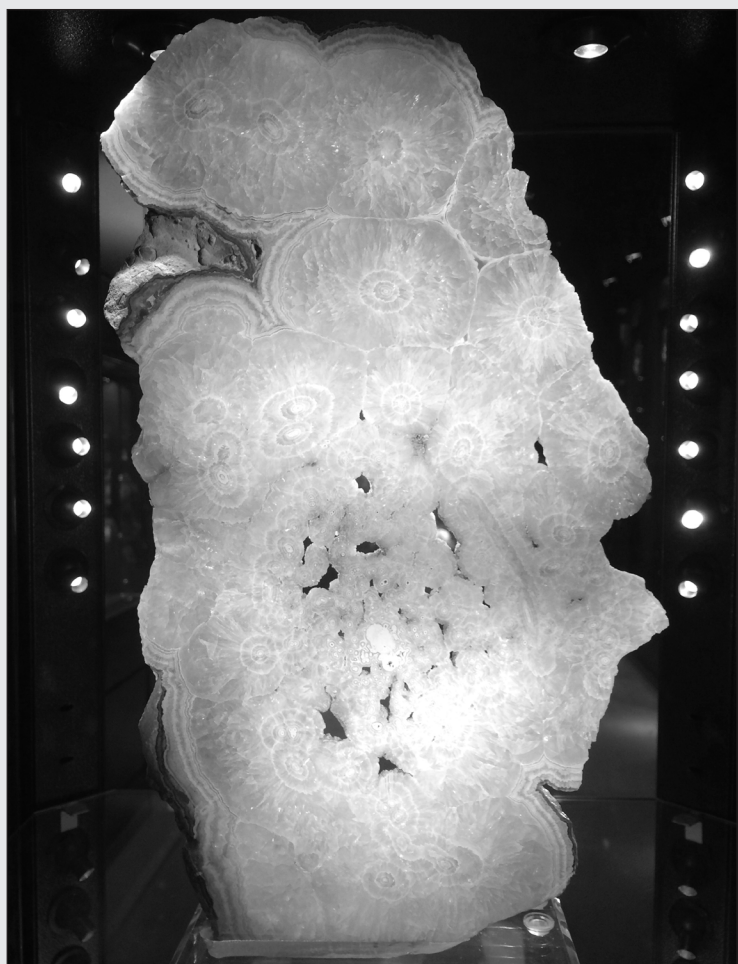


PHOTO BY DANIEL BLAKEMORE

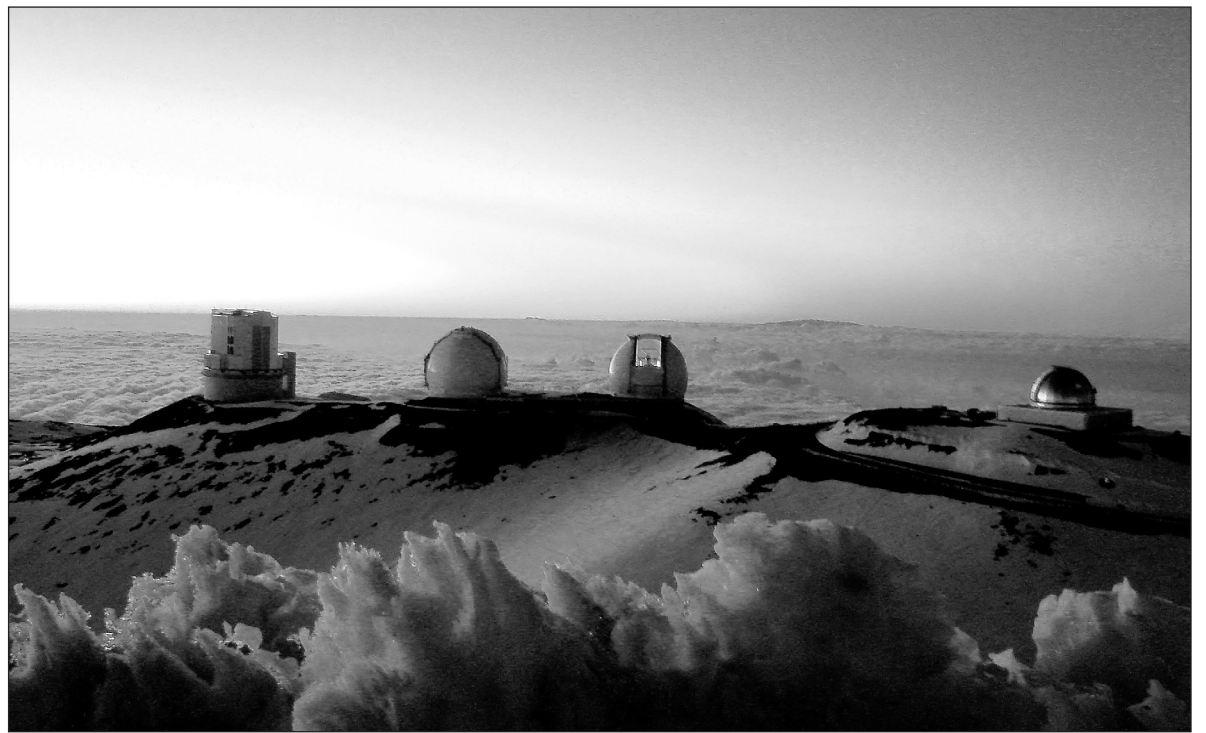


PHOTO COURTESY WIKIMEDIA COMMONS

13 telescopes have already been installed below the summit of Mauna Kea.



PHOTO COURTESY WIKIMEDIA USER MICHAEL VADON

Wolterstorff speaks on human rights

BY KATHRYN MAE POST
Religion Editor

Where do human rights come from? And how do we think about human rights in the context of justice? Nicholas Wolterstorff, a distinguished philosopher, author and former professor of philosophy at Calvin College, offered many insights into the Christian justification for human rights during his visit to Calvin's political science department on Oct. 11.

Wolterstorff spoke to professor Rebecca McBride's Global Politics of Human Rights class partly because he wrote "Journey Toward Justice," one of the texts students are studying. The text is an autobiographical telling of Wolterstorff's experience with justice. Throughout the book, he walks through the Christian basis for human rights.

"Human rights are those that each and every human being has just by virtue of being a human being, even if they're not able to function as persons."

"Before my South African experience, I didn't really think much about justice," Wolterstorff said Wednesday. He was involved in the American civil rights struggle and opposed the Vietnam war, but while Wolterstorff used the concept of justice, "it didn't grab me the way it did in South Africa or Palestine."

After witnessing the suffering of oppressed peoples in South Africa and Palestine, Wolterstorff began to reconsider his assump-

tions about human rights. He came to see that there are two distinct ways of thinking about justice in the western world: "One starts with principles ... the other says that rights are somehow inherent in human beings." After reflecting on his reactions to the injustice he witnessed in South Africa and Palestine, Wolterstorff said, "It's clear in retrospect that since my thinking started from seeing abused people, my thinking came from considering people rather than principles."

In "Journey Toward Justice," Wolterstorff explains that thinking about those who are wronged characterizes the Christian understanding of human rights. It is because all are created by God and in his image that all humans have rights; it is also why Christians must begin addressing human rights by coming alongside the

wronged rather than by considering general principles. "Human rights are those that each and every human being has just by virtue of being a human being, even if they're not able to function as persons," said Wolterstorff. He explained that those in a coma, those with Alzheimer's or those with other impairments do not have any fewer rights than other members of society. According to Wolterstorff, "there is no successful secular account for the rights of those people."

Wolterstorff concluded his conversation by reaffirming why the Christian justification for human rights is the best rationale. He said we have rights because we "stand in relation to God, are loved by him, and are made in his image. Our rights don't have anything to do with our own capacities."



PHOTO BY KATHRYN MAE POST

Petition

▶ CONTINUED FROM PAGE 1

According to Witvliet, the second purpose of the petition was "to give voice to the profound agony this election is causing for thousands of Christians who long to resist racism — many of whom are ignored or misrepresented in the media." The petition dismisses the misconception that all evangelicals support Trump's platform; instead, it draws attention to the diverse views within the evangelical community.

The petition particularly addresses Trump's racist attitudes: "We believe the candidacy of Donald J. Trump has given voice to a movement that affirms racist elements in white culture — both explicit and implicit." Examples of Trump's racism include statements which slander Muslims, immigrants, migrants, refugees and Mexicans. The evangelical community condemns these statements as incompatible with Christ's call to serve the stranger.

Witvliet said: "Too many Christian voices have excused the racist and misogynist elements in this election." Witvliet is especially concerned with how ignoring Trump's racist positions will affect children. "While many children in some Christian communities have often heard Christian opposition to one candidate, they have

not heard Christian opposition to the other as clearly. And far too many children have failed to hear explicit Christian resistance to racism."

In addition to condemning Trump from a biblical standpoint, the statement also says Trump's racist actions are morally unacceptable: "This is not just a social problem, but a fundamental wrong. Racism is America's original sin. Its brazen use to win elections threatens to reverse real progress on racial equity and set America back."

The petition also addresses Trump's inappropriate treatment of women as well as his idolization of materialism, condemning them as immoral and in opposition to Biblical teaching. It concludes with an invitation to share the declaration and to embrace the opportunity "to bring about long-needed repentance from our racial sin."

This statement is relevant to all members of the body of Christ, including those in the Calvin community. On October 12, the petition still needed 4,844 signatures to reach its goal. According to Witvliet, "all of us are called to discern ways to engage in the public square and in social media wisely and faithfully. All of us are called to resist racism. All of us who are eligible are called to exercise our privilege of voting as an act of faith-informed conscience."

Looking at local churches: Shawnee Park CRC



PHOTO BY ROBYN STEGINK

BY KATHRYN MAE POST
Religion Editor

Each year during Cokes and Clubs, Shawnee Park CRC continues its tradition of giving out quality toilet paper. This simple gesture is one of many ways the Shawnee community goes out of its way to serve Calvin students. Jennifer Streelman, a

junior nursing student who has been attending Shawnee for the past two years, reported there are twenty or more Calvin students who attend Shawnee weekly; so what is it about Shawnee that draws students in week after week?

Shawnee is conveniently close to Calvin, only about a ten minute drive away. Thanks to Shawnee's weekly pickup

at Knollcrest circle, students never have to worry about finding themselves a ride to church.

"Shawnee has a great ministry for college students," said Streelman. One aspect of this ministry is the breakfasts offered before Sunday services. The breakfasts vary from week to week and have included "pancakes, French toast, homemade sausage gravy, brunch casseroles, cinnamon rolls and muffins of all kinds." The morning meal is about more than merely feeding students; it is about fostering intentional community among college students and with other church members. In addition to breakfasts, church members host college students for lunch about twice a month. "Both of these meals are a great way to get plugged into the church community," said Streelman.

Food is not the only appealing thing about Shawnee. Streelman said that her favorite aspect of Shawnee is the worship: "They do use hymns, but many times they are played in a more

modern way. This brings new life to hymns I have sung all of my life." In addition to hymns, the musical worship at Shawnee also incorporates contemporary worship songs.

The worship at Shawnee progresses through a liturgy. The movements of the liturgy are: We Enter to Worship, Covenant Renewal, The Word of God, Our Response to God's Word, We Depart With God's Blessing. "These aspects play into the idea that worship is a conversation with God, such as, he welcomes us, then we reply with songs of praise and so on," Streelman said.

Streelman described the sermons at Shawnee as dynamic. She said that Rev. Nick Hopkins "has a passion for preaching and a passion for music and this shines through in his sermons. The sermons are theologically based, but they are never dry. Pastor Nick does a very good job making them applicable to everyday life."

Rev. Nick Hopkins also directs the Shawnee choir with assistance from Calvin student Caleb Sinclair. Robyn Stegink, a

Calvin student and Shawnee choir member, said that "the choir has an awesome blend of music — traditional, gospel, contemporary and world music." She also mentioned one unique aspect of the choir is that it is intergenerational.

The congregation is composed of diverse age groups, and is welcoming to people of all backgrounds. Streelman shared that she loves when congregants share songs in different languages: "It always reminds me of how universal God is. His truths are applicable to all cultures and backgrounds."

Overall, Streelman said she would definitely recommend Shawnee Park CRC to other Calvin students. "Since the church is smaller, it is easier to feel a part of the congregation. I also love the community that the college students that attend have built. Although this church has aspects of a traditional CRC church, it brings in modern elements that help make the CRC applicable to our generation."

Campus Safety Report

The campus safety department took a stolen bike report from a student who reported parking their grey Origin 8 bike, unlocked, in the upper seminary parking lot bike rack at 5:30 p.m. on Sept. 30. They returned to get their bike at 1:40 p.m. on Oct. 3, but the bike was no longer there. Campus safety officers checked campus but did not locate the bike.

Reported 10/3/2016

Campus safety officers responded to a possible fire in the Perkins House. Upon arrival the student residents said they were running the dishwasher and it started smoking. They turned off the dishwasher and used a fan, which quickly dissipated the smoke. There was still a burning smell in the air. Physical plant staff found that the dishwasher motor had burned out, causing the smoke.

Reported 10/5/2016

A student contacted the campus safety department and reported they had locked their black Giant Escape bike to the Schultze-Eldersveld bike rack on Sunday, Oct. 2, at approximately 9 p.m., and on Oct. 5 at 5:30 p.m. the bike was missing. The student had locked the bike with a cable lock. Campus safety officers checked on campus but did not locate the bike. The student was given information on how to report the theft to the Grand Rapids Police Department.

Reported 10/5/2016

The campus safety department took a report of a larceny of an unlocked bicycle from the bike rack near the library. The bike was a dark blue unknown-model seven-speed men's bicycle. The bike was not registered with the campus safety department. The victim declined to report the theft to the Grand Rapids Police Department.

Reported 10/9/2016

from the pages of **dialogue**

Imuoto
Erin Koster (2015)

Her fingers have pressed trees into precise, practiced creases, branched out their long necks and pushed their bright, dainty leaves into flight.

Silence and stillness spin them ever so slowly; a mere breath makes them tremble.

They dangle in their quiet world above, my scarce fraction of a senbazuru, my calm, stately companions, my ever-present paper peace hovering overhead.

Weekly SUDOKU

Answer

7	2	8	4	9	6	1	5	3
6	3	9	2	1	5	7	4	8
5	4	1	8	7	3	9	6	2
8	6	7	3	2	9	4	1	5
1	5	2	6	4	7	3	8	9
3	9	4	5	8	1	2	7	6
2	8	3	7	6	4	5	9	1
9	7	5	1	3	8	6	2	4
4	1	6	9	5	2	8	3	7

Super Crossword

Answers

E	C	O	L	E	A	N	N	A	L	A	S	H	F	R	E	S	H			
L	A	V	A	S	P	O	O	R	T	A	S	T	E	L	E	C	H	E		
O	M	E	G	A	P	R	O	T	E	S	T	E	R	A	L	O	E	S		
E	R	A	K	E	A	N	U	R	E	E	V	E	S	A	T	A				
O	L	D	S	U	N	D	E	R	A	R	R	E	S	T	B	Y	T	E		
H	O	U	S	E	M	D				J	O	S	E	P	H	S				
S	T	E	E	L	B	E	A	M	S	E	F	F	O	R	T	L	E	S	S	
							M	A	D	C	A	P	B	R	A	H	M	A	S	
M	E	D	L	E	Y	U	T	A	B	A	R	N	E	Y	B	M	W			
A	U	R	O	R	A	T	A	C	E	M	E	N	D	B	L	A	H			
G	R	A	B	S	B	A	D	E	D	E	W	Y	S	L	A	K	E			
M	O	N	O	N	A	B	O	B	A	R	E	D	C	A	R	E	A			
A	S	K	S	E	N	O	R	A	W	A	L	R	O	B	E	R	T			
							C	L	E	A	V	E	R	A	T	L	A	S	T	
M	Y	G	O	O	D	N	E	S	Y	E	S	N	E	T	W	O	R	K		
C	A	R	M	E	L	A					C	U	S	H	M	A	N			
A	R	A	B	E	S	T	A	T	E	S	A	L	E	S	E	A	S	T		
D	N	A	R	E	A	C	H	A	C	R	O	S	S	E	H	S				
H	A	U	T	E	A	C	C	U	R	R	E	N	T	A	D	A	L	E		
O	G	L	E	D	T	E	R	M	P	A	P	E	R	O	L	N	E	Y		
W	E	E	D	S	S	T	A	B	M	A	R	Y	R	E	E	S				

Weekly SUDOKU

by Linda Thistle

	5		1		8			
		3		6			9	
8		4			5			7
6				2				4
	1		3			7		
		9			6		5	
3				1			7	
		2	8			1		
	8				7			5

Place a number in the empty boxes in such a way that each row across, each column down and each small 9-box square contains all of the numbers from one to nine.

DIFFICULTY THIS WEEK: ♦♦

♦ Moderate ♦♦ Challenging
♦♦♦ HOO BOY!

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Super Crossword

TURN OF PHRASE

- ACROSS**
1 Dying fireplace bits
7 Clock or watch datum, in Spanish
13 Larynx sites
20 Eye component
21 Reach, as a goal
22 Accessory for Minnie Mouse
23 Parasite infecting big crowds?
25 Steel mill input
26 "Get faster," on mus. scores
27 First-rate
28 Excavated
30 Halo, for one
31 "Such gall!"
33 Baseball tool used to tap in a golf ball?
35 "Zip — Doo-Dah"
36 Heptathlete Jackie — Kersee
38 Hydrocarbon suffix
39 Starring role as a malicious character?
43 Atoms with charges
45 "Send help!"
48 Shake like —
49 Stat for Sosa
50 Tough puff
52 Early arcade giant
54 Ruhr article
55 Classic dog name
58 Noises made by U-boat control switches?
61 Hydroxyl compound
63 Martinez of baseball
65 Hockey legend Bobby
66 Green Giant bagful
67 Mariner org.
68 Notice displayed in neon?
72 Skateboard park feature
75 Positions
77 Juan or señor ender
78 "Dang!"
79 Sour, blackish fruit
80 Dessert-wine allotment?
85 Aide for Frankenstein
87 Vex
88 Sum up
89 "That should come — surprise"
90 Air hero
92 Playground comeback
94 Wrath
95 Outline sharply
97 First step in making a razor sharpener?
100 Stitch (up)
101 Lost intensity
104 Links target
105 Hair favored by a husband?
109 #1 hit for Shirley Ellis, with "The"
113 Hub for Air France
114 "Cabaret" director Bob
115 Demonstrate
117 Play hard —
118 Contradict
120 Inability to tolerate furtiveness?
123 Serene
124 Big Brother creator
125 Grub hub?
126 One cuddling
127 "I Need a Girl" rapper
128 Dutch beer brand
1 Acclaim
2 Cadge
3 Actor Willis
4 Baja tourist city
5 Recited readily
6 — Paulo, Brazil
7 Resort lake
8 "Blame — Rio"
9 To be, to Camus
10 Really riled
11 Simple
12 At the locale itself
13 Burglar
14 Clay layer under soil
15 — de Oro
16 Fancified
17 More or less
18 Joe of baseball
19 Curse
24 Top picks, informally
29 Money-back, maybe
32 Arbitrator
33 "Cheerio!"
34 Perilous
36 Triangular sail
37 Of the ears
39 Burdened
40 Justice Kagan
41 Of rockets, missiles, etc.
42 Plug point
44 Missions for the CIA, say
45 City on San Francisco Bay
46 Moon, e.g.
47 Certain sib
50 Maiden
51 Bitter-tasting
53 Nicholas I and II, for two
56 "— Easy" (1977 hit)
57 502, in old Rome
59 For dieters, in ads
60 Decide that you will
62 First lady after Hillary
64 Smelly bulb
69 Other, in Madrid
70 Actress Pam
71 Witchy type
73 Lamebrain
74 Kind of black 122-Down to a Brit
76 Plains homes
80 — Lanka
81 "She's the one"
82 Sch. staff
83 Skeptics' interjections
84 Indulge fully
86 Competitive shooting group
91 Lout of a guy
93 Nannies
96 Scarred "Batman" villain
97 Revered Fr. nun, maybe
98 Softens up
99 — pah
100 Evil computer system in "The Terminator"
102 Miter wearer
103 Scared, in dialect
105 Lara of "60 Minutes"
106 Talk formally
107 Curtains
108 Vestibule
109 — zone (restricted airspace)
110 Tip of a shoelace
111 39.37 inches, to a Brit
112 Car fuel additive
115 Sown bit one
116 Adhere (to)
119 "My Gal —"
121 — nighter (stadium event)
122 Brewed drink

1	2	3	4	5	6		7	8	9	10	11	12		13	14	15	16	17	18	19			
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Hiroshima and Nagasaki: Truman's decision

BY VICTOR LYNDE
Op-Ed Co-Editor

Even after many years of history and evidence, the viewpoint that Harry Truman's decision to drop the atomic bomb on the cities of Hiroshima and Nagasaki was unjustified has continued. In recent years this viewpoint has been abused beyond just historical falsehood and has additionally been used as a justification for a political agenda, specifically that of non-intervention and pacifism. Historical falsehood is a grave sin for a historian, but its exploitation is even worse. My goal in this article is not to argue the legitimacy or illegitimacy of pacifist, anti-war or non-interventionist beliefs; I have my own opinions, but do not be deceived to think this article supports one or the other.

Since the founding, Americans have been skeptical of the use of military intervention in foreign nations and we've leaned towards non-interventionism. Following World War II this changed. With its superior navy and powerful military capabilities, Great Britain had protected trade routes necessary for global commerce and free trade for years. When WWII ended, this luxury disappeared; the British military was exhausted and an entire generation of young Englishmen was dead. Given the role of the United States in WWII, as well as our ever-growing influence and military might, we filled the vacuum created by England. Ever since, for better or worse, the US has been the protector of global trade. Given America's non-interventionist roots, in recent years there has been pushback against the idea of American intervention. This article neither supports nor criticizes the general notion of non-intervention; however, it does argue that the decision by President Harry Truman and the United States Congress to drop the atomic bomb on the cities of Hiroshima and Nagasaki was perhaps the most humane option available as the war began to wane.

To defend the United States' decision to bomb Japan there

are three contextual elements I would like to consider. First is the state of the war as WWII came to a close. Second, the culture within Imperial Japan as WWII came to a close. And third, the analysis produced by the Allies with the projected costs of a full-scale invasion of Japan.

The first matter of context helps us understand the situation in which Truman needed to make his decision. Dubbed by some the "Asian Holocaust," the first thing we notice is the Japanese invasion and treatment of its neighboring Asian countries, especially China. According to the research of Professor R.J. Rummel of University of Hawaii, the Japanese invasion of its neighbors led to the slaughter of 3.9 million Chinese and 10.2 million total deaths over the course of the war. The accounts of Japanese cruelty towards the indigenous peoples of Asian are horrific. Many Japanese Commanders used their swords to behead soldiers, civilians, and prisoners, disregarding international law concerning the treatment of prisoners. The Japanese during WWII were both imperialistic and barbaric.

The second matter of context we must consider is Japanese culture at this time. Japanese culture is historically tied very closely to what is known as the Code of Bushido. The Code of Bushido, "the way of the warrior," was a chivalrous code emphasizing loyalty, frugality, and honor. These traditional values saw a "revitalization" during the early 20th Century leading up till WWII, but these values were distorted — war was presented as "purifying" and death as a duty. To many Japanese soldiers it was better to commit suicide than to be captured. The "revitalized" Code of Bushido and government structure of Japan led to imperialism and barbarism. As David French explained, "In World War II the Japanese military fought with a ferocity that made al-Qaeda look casual and uncommitted." The Japanese Military willingly sent thousands of kamikaze suicide bombers to their deaths. ISIS suicide bombers have nothing on these fiercely dedicated soldiers.

The third matter of context we must consider is the Allied analysis of the costs of a full-scale invasion of Japan. When President Truman contemplated the decision he and the Congress had before them, another strategy was being deliberated. This plan was called "Operation Downfall," a massive invasion of the Japanese homeland by a coalition of Allied forces, though mostly American, to secure victory. However, given the inclination of Japanese leadership to fight to the last man, the Allies feared a colossal body count. William Shockley, a staff member under Secretary of War Henry Stimson, "estimated that the invasion of Japan would cost 1.7-4 million American casualties, including 400,000-800,000 fatalities, and five to ten million Japanese deaths."

To sum up, given Imperial Japan's slaughter of its neighbors, given the ingrained culture revolving around the distorted Code of Bushido, and given the estimated number of deaths that would result from a Japanese invasion, it was the correct choice to drop atomic bombs. These bombs resulted in the deaths of at least 129,000 Japanese civilians and soldiers, far less than the potential 10 to 14 million deaths.

A rejection of the Peters projection

BY CHRISTINA BOHNET
Guest Writer

I would like to comment on a certain map I have seen around campus in the history and sociology departments. (It may be in others, but these are the ones I've seen.) The maps I have seen there use the Peters projection, which touts itself as the projection to use in order to correct social injustice. It makes sense that the history and sociology departments want to be as socially just as possible. But please do not believe the Peters projection marketing campaign (yes, there's a marketing campaign for a map projection) when they say it's the only map projection that corrects the evils of the Mercator.

First of all, the reasons they claim the Peters is the best are that it's equal-area, and that the equator is in the middle. That's it, and both those things are true of many other (better-looking) maps. Almost all world maps have the equator in the middle. The reason the Mercator sometimes doesn't is because if it included the whole map, Antarctica would be obscenely large. (Mercator projections usually don't reach all the way to the North Pole, either.) As for equal-area, that is one of two mutually exclusive properties of map projections, the other being conformality, or accuracy of shape.

Therefore, there are many, many world maps that are equal-area. If you really need a perfectly equal-area world map for social justice purposes, then I recommend the beautiful Mollweide projection, which has the added bonus of not having been plagiarized.

The Peters projection was actually created by James Gall about a century before Arno Peters developed it. He probably was not aware of Gall's work until after he published his map, but he refused to credit Gall for a long time after the error was pointed out to him. Additionally, he licensed his projection (such that it requires a fee to use), which is almost never done, and he repeatedly lied about his map. He said it had no major distortions in shape, when it is worse in that regard than most other equal-area maps, and that the map preserved distance, which is extremely false, as even conformal world maps are not perfect at preserving distances.

So, history and sociology departments, please don't propagate the lies about this horribly ugly map. There are beautiful equal-area world maps out there, such as the Mollweide that I mentioned earlier, and the Waterman Butterfly. What could go wrong with a butterfly shaped map?

And then there's the Bonne heart-shaped projection, which I still think someone should photograph into the Calvin logo.

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Letters should be no longer than 250 words. The editors reserve the right to edit any letters for grammatical accuracy or clarity.

SEND ALL OPINIONS AND LETTERS TO:
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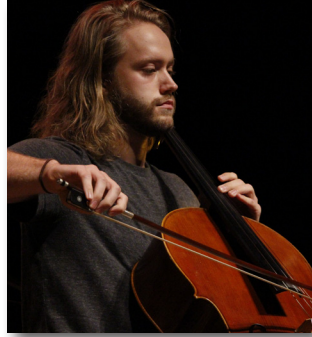
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PHOTO ESSAY

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LATE NIGHT *with Capella*



PHOTOS BY CLAIRE NIEMEIER
MEGAN SEBASTIAN MIMI MUTESA

