# CALVIN

College

# 2010 COMMENCEMENT

Saturday May Twenty-two Two O'Clock

# ALL HAILTHE POWER OF JESUS' NAME

Edward Perronet, 1780

Oliver Holden, 1793

All hail the power of Jesus' name! Let angels prostrate fall. Bring forth the royal diadem, and crown him Lord of all. Bring forth the royal diadem, and crown him Lord of all!

O seed of Israel's chosen race now ransomed from the fall, hail him who saves you by his grace, and crown him Lord of all. Hail him who saves you by his grace, and crown him Lord of all!

Let every tongue and every tribe responsive to his call, to him all majesty ascribe, and crown him Lord of all. To him all majesty ascribe, and crown him Lord of all!

Oh, that with all the sacred throng we at his feet may fall! We'll join the everlasting song and crown him Lord of all. We'll join the everlasting song and crown him Lord of all!

# THE CALVIN ALMA MATER

Dale Grotenhuis Celia Bruinooge

Calvin, Calvin, sing we all to thee; to dear Alma Mater we pledge fidelity. Forever faithful to maroon and gold, thy name and honor we ever shall uphold. Calvin, Calvin, God has been thy guide; dear Alma Mater, thy strength He shall provide. Be loyal ever to the faith of old. God's name and honor we ever shall uphold.

# ORDER OF COMMENCEMENT

**Prelude** Cortège de Bacchus Léo Delibes, arr. by Wil van der Beek

**Processional** Pomp and Circumstance March No. 1 Edward Elgar, arr. by Clare Grundman

Calvin College Wind Ensemble, Tiffany Engle, DMA, conductor

\*Opening Hymn All Hail the Power of Jesus Name Edward Perronet/Oliver Holden

\*Invocation Bastian A. Knoppers, BA, Chair, Calvin College Board of Trustees

**Introduction of** 

**Commencement Speaker** Gaylen J. Byker, PhD, President

**Commencement Address** "What It's All About"

Richard Mouw, PhD, President, Fuller Theological Seminary

Presentation of Distinguished Alumni Awards

Victor E. Plantinga, JD, President, Calvin Alumni Association,

to Anna Belle Engbers, BA, Class of 1958 Jacqueline A. Greenman, MPH, Class of 1958 Marjorie A. Van Kooten, BA, Class of 1958 and to Edward T. Begay, Class of 1960

Remarks on Behalf

of the Senior Class Benjamin A. Shoemaker, Student Body President

Recognition of the Class of 1960

\*Litany for Commencement

**Conferring of Degrees** Claudia DeVries Beversluis, PhD, Provost,

and Gaylen J. Byker, PhD, President

**Presentation of Diplomas** 

\*The Calvin Alma Mater

**Closing Remarks** 

†**Recessional** Sine Nomine Ralph Vaughan Williams, arr. by Alfred Reed

The 18 white roses on the platform are in celebration of the joy and friendship that marked the life of Melissa E. Decator, 5/18/88-1/20/07.

<sup>\*</sup>Audience Standing

<sup>†</sup> The audience is requested to be seated until the faculty and graduates have exited.

# LITANY FOR COMMENCEMENT

# Leader: Eternal God, you are the fount of strength and peace. All creation declares your glory. For the breath of winds, the scent of flowers, and the change of seasons; for the rhythm of life that brings us to this day,

# People:

We praise you, O God.

# Leader:

For greatness in human thought and deed, for poet's song and prophet's word, the gift of music and the grace of dance; for sturdy character and the fragrance of souls bathed in your grace,

# People:

We praise you, O God.

# Leader:

For campus life and community; for friends who cheer us, friends who teach us, friends who hate the things that make us weak and love the things that make us strong,

# People:

We praise you, O God.

# Leader:

God, our Master,
You quicken us with the brisk tempo
of life in this place.
You move and stretch us
through courses of study
and habits of service.
For deft minds and large hearts,

# People:

We praise you, O God.

# Leader:

For the members of this graduating class; for what they have achieved and every Godly thing they hope to achieve.

# People:

We praise you, O God.

# Leader:

Lift their hopes, seal their knowledge, stiffen their courage, and join their hearts to Christ.

# People:

Hear us and bless them, O God.

# Leader:

For our distinguished alumni Edward Begay, Anne Engbers, Jacque Greenman and Marjorie Van Kooten; for their passion to educate for shalom in our country and around the world,

# People:

We praise you, O God.

# Leader:

For 134 years of faithfulness, for the gift of Christ dwelling in our hearts and lives and programs, and for the communion of all the saints, in whom we have caught a glimpse of how wide and long and high and deep is the love of Christ,

# People:

We praise you, O God.

# Leader:

Holy God, you gave us minds to know you, hearts to love you, and voices to sing your praise:

# ALL:

To him who is able to do immeasurably more than we all ask or imagine, according to his power that is at work within us, to him be the glory in the church and in Christ Jesus throughout all generations, forever and ever, Amen.

# COMMENCEMENT SPEAKER

# Richard Mouw, PhD, President, Fuller Theological Seminary

Richard J. Mouw has served as president of Fuller Theological Seminary since 1993, after having served the seminary for four years as provost and senior vice president. Located in Pasadena, California, Fuller is the largest multi-denominational seminary in the world.

A philosopher, scholar, and author, Mouw joined the faculty of Fuller Theological Seminary as professor of Christian philosophy and ethics in September 1985. Before coming to Fuller he served for 17 years as professor of philosophy at Calvin College in Grand Rapids, Michigan. He has also served as a visiting professor at the Free University in Amsterdam.

A graduate of Houghton College, Mouw studied at Western Theological Seminary and earned a master's degree in philosophy at the University of Alberta. His PhD in philosophy is from the University of Chicago.

Mouw has a broad record of publication. He has been an editor of the *Reformed Journal* and has served on many editorial boards, including currently *Books and Culture* and *Laity Exchange*. He is the author of 16 books, including, *Consulting the Faithful*, *The Smell of Sawdust: What Evangelicals Can Learn from Their Fundamentalist Heritage*,

Calvinism in the Las Vegas Airport, and most recently, *Praying at Burger King*. His articles, reviews, and essays have appeared in more than 50 journals and magazines. He is a regular columnist on "Beliefnet" web magazine.

Mouw has also participated on many councils and boards, including the Commission on Accreditation for the Association of Theological Schools (as chair) and the Council on Civil Society. He currently serves on advisory boards for Religion and Ethics Newsweekly, the International Justice Mission, and the International Center for Religion and Diplomacy.

On March 29, 2007, President Mouw was awarded the Kuyper Prize at Princeton Theological Seminary. This prize is awarded annually to a scholar who has made a major contribution to Reformed public theology. As the 2007 recipient, Mouw delivered a lecture entitled "Culture, Church and Civil Society: Kuyper for a New Century" to scholars from the United States, Canada, and the Netherlands.

Mouw's wife, Phyllis, is an art historian who is involved in seminary and community programs. Their son Dirk, daughter-in-law Christine, and grandsons, Willem and Peter, live in Arkansas.

# MESSAGE FROM THE FIFTY-YEAR REUNION CLASS

Today is your special day. It is a rich reminder of our special day 50 years ago when we, the Class of 1960, also commenced with satisfaction at putting a wrap on four years of learning with professors who shaped our thoughts in so many new and fundamental ways. We were self-assured, perhaps naively, of our future dreams, and we thought we knew how to put our plans into action.

So we stepped out as courageously as we dared. We learned our jobs while standing on the shoulders of those who went before us. Involvement in events like the civil rights movement taught us how the American dream clashed with various beliefs in religion, justice and politics. We met the Beat generation on the road, and their writings and thoughts joined parts of our thinking. Popular music affected attitudes toward family and social relationships. Movies tackled issues like racism and sexuality and made heroes of young people like you and me who challenged authority. Just when we thought World War II had ended all wars, a Cold War and smaller hot wars began to affect our lives. At about the same time, questions about our environment and about global warming crept into our awareness of a possible dark future. We raised questions that we leave behind for you to resolve.

Simultaneously computers developed and became intrinsic to business, research and learning. Some thought they threatened literacy and saw a dumbing down of education. Has that threat been fulfilled? You are living proof it has not. Google added much to explode our world of information, but our education had taught us that estimation and judgment was not a new concept when using Wikipedia. Now we wonder how long books will stay with us since Kindle and iPad allow us to carry digital space for the books that we need and can access through libraries, but never set foot in the building.

Very quickly the Internet grew international with cell phones and cameras used to share anything from the mundane and ridiculous to matters of life and death. This technology has become an important part of our social lives as we increasingly use e-mail, blogs, YouTube, Facebook or Twitter. We are immigrants to this technology, but you inherited it in your youth. It can be a playground for the mischievous; tame it and it will be a positive experience for us all. We still need to learn how to use technology to advance our spiritual lives—how bionics can fuse technology with our bodies to heal unspeakable hurt we cause to ourselves.

And there is more. We have set the stage for you to find further insights to questions proposed by evolution, genetics, religion, neuropsychology and how we affect each other as well as our natural world when we can find many answers to perplexing questions inside our minds. Please show us how to live in a world that both supports and denies freedom of religion, sexual orientation and sexual equality; how to stop the evil of genocide wherever found in our world; how to stop wars and discover we are the faces behind so much horror. Show us how to rededicate trillions of dollars to plant flowers of peace and how to love beyond ourselves.

Join us to go forward to find care full answers to questions that seem beyond answers. Join us to find agreement that God brought us and all we know into being no matter the form, shape or time it took; that we are always His children and that He uses us to provide wonder full answers to questions that we asked in the past and will still use us to do the same to future questions that will perplex.

If we do all this based in Christ's special peace, we need not be afraid to join other humans and give of our energy to questions that seem unanswerable because we let the warm wind of the Spirit move us forward.

Class of 2010, please join us in peace and hope.

Martin Oordt, student body president, Class of 1960

# DISTINGUISHED ALUMNI

The Calvin Alumni Association is proud to present four alumni with the Distinguished Alumni Award. Persons honored in such a way have been chosen by an independent selection committee comprised of alumni, faculty, and staff and are endorsed by the Calvin Alumni Association Board.

Recipients of the Distinguished Alumni Award have made significant contributions to their fields of endeavor, are recognized by their associates for outstanding achievements, and manifest a Christian commitment that reflects honor upon Calvin College.

# Anna Belle Engbers, Class of 1958 Jacqueline A. Greenman, Class of 1958 Marjorie A. Van Kooten, Class of 1958

One of the first things Jacque Greenman, Marjorie Van Kooten and Anne Engbers did after arriving in Anchorage, Alaska, in the fall of 1958 was check out the local Christian Reformed church, Trinity CRC. What they found was a work party. "We drove over to where the church was, ... and here were all these people pounding nails in the sub-flooring," Greenman remembered. "That's my first vision of the church, just putting the sub-flooring in."

The trio had made sure there was a CRC in Anchorage long before they set out on the nearly 4,000-mile drive to the then-U.S. territory. "We weren't so brave as to strike out into the wide, wide world, you know," Van Kooten said. "We wanted a base with a church."

The three young women, who came to be known as "The Nurses," originally came to the Alaska territory to work for two years at the Alaska Native Medical Center. They ended up staying on indefinitely.

Back then, there were few roads running through Alaska's 586,412 square miles, and they were unpaved. The territory's 200,000-plus residents were primarily native Alaskans or U.S. military personnel.

"We came to Alaska at a time when Alaska itself was just becoming a state, so there were opportunities in every area of our lives," Van Kooten said.

At the medical center—the hub of seven Indian Health Service hospitals—Greenman, Van Kooten and Engbers soon branched out into different areas of nursing. Engbers worked in supervisory positions on the tuberculosis, surgical and orthopedic units of the hospital. Greenman worked first in the post-op surgical unit, then set up the infant pediatric unit and finally took charge of the Maternal Child Health Program for the Alaskan native population in the State of Alaska. Van Kooten initially focused on pediatrics, but spent most of her career teaching in the Practical Nurse Program at the Anchorage Community College.

"The native medical situation in 1958 ... (was) dismal and desperate ...," Calvin professor of geology, geography and environmental science Gerald Van Kooten wrote about Alaska. "Rates of illness of many sorts were higher than national averages. Native social life was often ripped apart by alcohol and drugs. Native suicide rates were high, and accidental death is common in this remote and harsh climate. The Nurses served these communities throughout their career and brought Christ's love to the most hurting and needy of people."

Though The Nurses had divergent careers, they agreed about what kept them in Alaska: "We all enjoyed the Alaska native population and grew to love those people," Greenman said. "The elders particularly, and the kids, the young kids, they were so loving and spontaneous and appreciative."

Not long after their arrival, the three women joined the military personnel and their wives, and other church members who were building Trinity CRC. They pounded nails, sawed boards and painted. "We had lots of work parties followed by potlucks. And that was our social life as well." Van Kooten remembered.

All three attended Bible studies and taught Sunday School. "At one point, I was superintendant of the Sunday School," Engbers said. They sang in the choir: Greenman: alto and tenor; Marjorie: soprano and alto; Anne: "Always soprano." They traveled throughout Alaska for their work and as members of the Prospector's Club. And on March 27, 1964, they lived through the Good Friday Earthquake, the most powerful earthquake ever recorded in North America. "I thought it was the end of the world," said Van Kooten. "I heard the ground cracking, and I just prayed I wouldn't get swallowed up by it."

The three women have been gratified by the decline in tuberculosis and infant mortality cases that have coincided with their careers in Alaska. "Things really have improved quite a bit," Greenman said.

In 1978, the women bought property together in Cooper Landing, 100 miles south of Anchorage. Twenty years later, they retired and moved down—and got involved. They volunteered at the museum and the Seward Seaman's Mission, a service to cruise ships. The joined the Sexy Senior

Dumpster Cleaners, a group that picks up trash along roadsides and transfer sites.

The three also started working to build affordable senior housing in Cooper Landing. They incorporated in 1999 as the Cooper Landing Senior Citizens Corp., Inc., (CLSCCI), a group of 100-plus members whose mission is "to support and encourage the independence and well-being of all persons fifty (50) years of age and older in the Cooper Landing service area." The CLSCCI has developed a shuttle service for seniors and has built two six-unit independent residential complexes funded by the CLSCCI, the Alaska Housing Finance Corp., the Kenai Peninsula Borough, the Alaska State Legislature and the Denali Commission. During the construction process, each assumed a leadership role—Anne as chair of fundraising, Jacque as chair of the building committee and Marge as CLSCCI president. The three live in the complex named Ravens View.

"As could be expected, these ladies have made a huge impact on this little town," Van Kooten (Marjorie's nephew) wrote in his nomination of The Nurses. Greenman, Van Kooten and Engbers learned that they had been given the award earlier this year.

"When they first called us, I think we were just appalled," Engbers said. "I don't think we did that much to be distinguished about, except that we did travel away from the routines of life, and we liked it."

Asked what has kept them together through the years, the three say it was more than shared interests or the love of a landscape: "The Lord directs our paths," Greenman answered for all. "That just unfolded I guess ... good friendship and a good life."

# Edward T. Begay, Class of 1960

Education and the Army took Ed Begay away from his beloved Navajo lands. But God led him back to New Mexico, not only to live in Navajo country, but to serve the entire Navajo Nation—which he has faithfully done for almost 50 years.

Begay's grandfather wanted a Christ-centered education for his grandson, who had lost both his mother and grandmother early in life. So at the age of 10, he was enrolled in Rehoboth Christian School.

"Rehoboth was tough," Begay recalled. "I spoke only Navajo, but my grandfather so wanted me to learn English. Eventually, I learned the system and skipped two grades."

Rehoboth and Calvin are longstanding partners in Christian education; numerous teachers on the school faculty were and are Calvin alumni. Begay said Rehoboth students often heard of the "CRC college in Grand Rapids." Helped by his teachers and a scholarship from the Navajo Tribe (later called "Navajo Nation"), he left for Calvin College in the fall of 1956.

"It was a culture shock," said Begay, "but I knew what I was getting into, and I chummed around with students from Denver and Chicago. There were other Navajos in Grand Rapids at the time, too, at Reformed Bible Institute [now Kuyper College] and elsewhere in the city."

He has fond memories of professors Earl Strikwerda and Henry Ippel in the history department, as well his track coach, Dave Tuuk, and the "cordial and outgoing" president William Spoelhof.

"I remember Dr. Strikwerda addressing me in class, "O.K. Begay from Gallup"—we shared a love of trains, especially the Santa Fe railroad near my home—and Dr. Ippel would have us read the news from the *Manchester Guardian* from Britain to show us different viewpoints on world events."

Begay intended to pursue a business administration degree at Calvin, but when he came home the summer after his sophomore year, a draft notice from the Army awaited him. He tried to get a deferment to finish college, but that wasn't available. Off he went, first to Fort Carson in Colorado, then to Fort Ord in California and finally to Fort Jackson in South Carolina, all the while honing his administrative skills.

Returning to New Mexico after his term of service, Begay never wound up back at Calvin. He got married, started business school and was quickly hired to be a data processor for the Navajo Nation. He also began a storied career in tribal politics.

"Some of the local tribal leaders thought I was pretty sharp—I knew data, finances and current news—so they elected me as a Navajo chapter president," said Begay. In 1971, he was nominated for the Navajo Tribal Council, an 88-member representational body for the entire Nation. His influence on the council grew until he became a member of the 18-person executive committee, ascending to third in line after the president and the vice president.

"I saw this as my opportunity to make some changes in the workings of the government," Begay said. "I sponsored a number of resolutions to update tribal codes. There was some resistance and change did not happen immediately, but I saw that the Christian ethics of Rehoboth and Calvin that were in me put the 'love your neighbor as yourself' theme into what I was doing."

Begay was interested in codifying what are called

the "Navajo Fundamental Laws," in effect bringing the richness of Navajo culture into government.

"So many things are not written down in Navajo culture," he explained. "One relies on certain rules, similar to the Ten Commandments, that are handed down and taught: matters related to family, community, government, neighbors, nature, work. I wanted to be sure that these values were passed down from generation to generation."

Begay threw his hat into the ring to be re-elected Vice-chair of the council in 1987, but lost and spent the next four years working for an energy company, the only years since his return to New Mexico in 1960 that weren't in direct service for the Navaio Nation.

Urged to get back into tribal politics, Begay ran for election to the council again in 1991 and was soon tapped for leadership. From 1999 to 2003, he was named Speaker of the Navajo Nation Council. He retired from the council at the end of his second term.

Although not an active council member, Begay still wields influence. He visits council chambers regularly and talks to members about the impact of their votes. Those in the halls of the council still address Begay as "Speaker."

"Extreme reasonableness and an ability to be shrewdly analytical and simultaneously gracious in human relations are attributes of Ed Begay that I truly admire," wrote the Honorable Elizabeth Furse, former Oregon congressperson and now special adviser to the national Tribal Leadership Forum. "They are attributes too rarely seen in governing bodies."

Begay remains involved in Navajo Nation

business. After a "two-week retirement" in 2003, he was asked to serve on the Nation's Housing Authority Board of Commissioners, as well as chair the board of the Nation's Agricultural Product Industry.

"I've now become a carpenter and farmer," he quipped.

In addition to this impressive history of service to the Nation's council, Begay has served in numerous capacities for local county organizations, regional insurance boards and the state of New Mexico, including the state's highway commission, finance committee and commissions on economics, human resources, Indian Affairs and the state's bicentennial.

He also was the founding member of the Navajo Area School Board Association and was the chairman of the board for the American Indian National Bank in Washington, D.C.

Begay has always seen his faith as integral to his role as a statesman.

"For a Christian, the minute you confess your faith, that's a start. You use the opportunity to let it be known through your talk, your respect for creation," he said.

To today's graduating Calvin seniors, Begay advised: "The challenge is so vast. Rather than trying to do all things, focus on what gives you satisfaction and gives God the glory. You have been blessed; do something with these blessings that honors God the Maker."

Begay's wife, Cecilia, attended Calvin for two years and later received an RN degree, followed by a BSN from the University of New Mexico. She passed away in 1991. He has two daughters, Sharlene and Sandra, and two grandchildren.

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Katlyn E. Varela, MED
Curriculum & Instruction

Kevin D. Witte, MED

Curriculum & Instruction

# **BACCALAUREATE**

Rachel D. Achterhof, BSN

Lindsay G. Arnold, BSE

Engineering-Chemical

Concentration, Chemistry

Nursing	Spanish
George Y. Ahiome, BA Economics	<b>Lauren K. Asher, BSW</b> Social Work
Daniel L. Ahrens, BS Biology	Kirstin M. Ashman, BA Business/CAS Group
Amy V. Allen, BA English	<b>Stephanie J. Auwers, BSW</b> Social Work
<b>Ryan P. Alons, BA</b> CAS-Media Studies	Mariana A. Aviles, BSN Nursing
Joel R. Alsum, BS Chemistry, Mathematics	Amanda M. Avis, BA Art
Jessica D. Alvarado, BA Speech Pathology	<b>Michelle D. Ayeh, BA</b> CAS-Media Studies
& Audiology	Amanda L. Baar, BSPA Accountancy
<b>Megan R. Ambrose, BSW</b> Social Work	Nicholas C. Baas, BA
Karla J. Andela, BA Art, K-12 Certification	Philosophy  Jana R. Baatenburg, BS
Lisa D. Andela, BSE Engineering-Civil & Environmental Concentration, International Concentration	Biology  Lara J. Baatenburg, BS  Biology  Heather R. Baker, BS  Chemistry
Jennifer L. Anderson, BA Religion	<b>Heidi R. Baker, BA</b> Sociology
Sarah A. Angeloff, BA International Dev Studies	Nathan G. Baker, BA Business
Elizabeth A. Apol, BSN Nursing	<b>Stephanie L. Balog, BSW</b> Social Work
Jennifer M. Arnold, BS Biology	Jennafer L. Banister, BS Physics with Honors,
Lindsay G. Arnold, BSE	Asian Studies

Mary L. Arrendondo, BA

Laura G. Bardolph, BA

Susan L. Bardolph, BS

English

Biology

Biology Nursing with Honors Justin F. Blaauwendraat, BS Kelley E. Barr, BA Business/CAS Group Biology Brandon T. Blakeslee, BA James A. Barron, BSE History, Spanish Engineering-Civil & Environmental Concentration Paul N. Bloem, BSE Engineering-Electrical & Caleb R. Barthel, BA Computer Concentration **Business** Heather R. Bobeldyk, BA Brett C. Beasley, BA Language Arts, Elementary English Certification Michael D. Beckman, BA Amanda M. Bode, BA **Business** Psychology Anne E. Beerhorst, BS Biology Alexander C. Boelkins, BSE Engineering-Mechanical Rebekah M. Bell, BA Concentration English with Honors, Allison A. Boender, BSN Secondary Certification Nursing Audra L. Bennett, BS Sara N. Boer, BSPA Biology Accountancy Kelly L. Bennett, BA Dane J. Boersma, BA Speech Pathology History, Secondary & Audiology Certification Amber B. Benthem, BA Erik M. Bolt, BA Physical Education Classical Studies with Rachel E. Bergman, BA Honors, Philosophy Psychology Anthony J. Boorsma, BSE Alyssa L. Bergsma, BSW Engineering-Electrical & Social Work Computer Concentration Benjamin R. Bergsma, BS Jessica M. Bootsma, BSA Biotechnology Accountancy Kyle A. Berkompas, BA Kristin J. Booy, BA CAS-Media Production Psychology Elizabeth A. Biegun, BA Andrea L. Bos, BA English Education/Three Minors,

Kevin C. Bird, BS

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Jacqueline J. Bos, BA

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Education/Three Minors,

Elementary Certification

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Business/CAS Group
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Jennifer K. Bosma, BA
Sociology
Sara E. Botbyl, BA
English
Rebecca R. Bouman, BA
International Relations
Stacy L. Bouwkamp, BA

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Mathematics, Secondary Certification Justin M. Brasser, BA Interdisciplinary

Katherine S. Braum, BA
International Dev Studies
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Concentration

Sara R. Brower, BA

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Education

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Elementary Certification

Joel D. Buys, BSA
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Denae G. Caldwell, BSW Social Work Sierra M. Cameron, BA

English

Kristin J. Campbell, BA

Interdisciplinary

Emily A. Carlson, BA
Interdisciplinary

Vestoring M. Carlson, BA

Katherine M. Carlson, BA
Art History
Rory R. Carlson, BSA
Accountancy

Brittney M. Carr, BSW Social Work

Kirk E. Carson, BA

CAS-Media Production

Megan L. Chan, BA

Speech Pathology & Audiology

Justin Chang, BA
Business
Sandra E. Chang Garcia, BA

CAS-Media Studies

Paul E. Chaplin, BA

Crystal B. Chow, BA
Music

Economics

Anne G. Chresand, BA
Special Ed-Cognitive

Impairm't, Elementary
Certification

**Melissa K. Chrisman, BSW** Social Work, Psychology Allison C. Christians, BA
Special Ed-Cognitive
Impairm't, Elementary
Certification

Jeffrey A. Christians, BSE Engineering-Chemical Concentration, Chemistry

Jedidiah C. Christiansen, BA Physical Education, K-12

Certification **Allison S. Christofis, BA**Spanish, International Dev
Studies

CAS-Media Studies

Ji Na Chun, BA

Nehemiah W. Chu, BA

Business/CAS Group **Gregory J. Clark, BA** Mathematics, Compute

Mathematics, Computer Science **Kelsey A. Clement, BS** 

Integrated Science Studies, Elementary Certification **Lindsay R. Clutter, BSN** Nursing with Honors

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Interdisciplinary

Julianne Cole, BA
Psychology
Victoria D. Coleman, BA

Speech Pathology & Audiology Laura J. Cooke, BA

**Cody A. Cooper, BA**Philosophy

Music

**Lindsey A. Cooper, BA**Education/Three Minors,
Elementary Certification

Benjamin B. Cornell, BA	Spanish, Philosophy	Environmental Science	Michelle K. DeVries, BSPA
Business	Nathaniel A. De Jong, BA	Andrew J. DenHartigh, BS	Accountancy
Joy L. Cousineau, BSN	Mathematics	Biochemistry	Rachel A. DeVries, BA
Nursing	Anna L. DeKievit, BS	Benjamin V. Den Houter, BA	Business with Honors,
Candace L. Crawford, BSR,	Integrated Science Studies	Philosophy	English with Honors
Recreation	with Honors, Secondary	Katrina O. Denny, BSE	Michael K. DeWaal Malefyt,
Cloud L. Cray, BA	Certification	Engineering-Civil &	BSPA
Business	Amberle N. Dekker, BA	Environmental Concen-	Accountancy
Christopher A. Crock, BSE	Psychology	tration, International	Stephanie L. DeWeerd, BA
Engineering-Civil &	Benjamin J. Dekker, BA	Concentration, German	Business
Environmental Concen-	Mathematics, Secondary	Justin M. DenOuden, BA	Erin M. De Wyn, BA
tration, International	Certification	English	English
Concentration	Benjamin D. DeKleine, BSPA	Lauren S. Dent, BA	Carissa J. De Young, BA
James A. Currin, BA	Accountancy	Psychology	International Dev Studies,
Spanish, Elementary	Kevin R. DeKock, BA	Jonathan H. De Ruiter, BA	Economics
Certification	Psychology, Sociology	Greek	Kelly A. DeYoung, BA
Meagan E. Dahmer, BSN	Eric J. DeKorne, BA	Erin M. Deters, BA	Physical Education
Nursing	Business	Business	Rachel L. De Young, BA
Cory M. Dauphin, BS	Nicholas H. DeKryger, BS	Trevor J. Deters, BA	Physical Education, K-12
Biology	Biology	Business, Spanish	Certification
Emmalon M. Davis, BA	Ashley Y. Delk, BA	Jennifer M. Deur, BSN	Caitlin R. Diaz, BSN
Philosophy with Honors	English, Secondary	Nursing	Nursing
Joel R. De Boer, BS	Certification	Kathryn R. DeVos, BA	Evan J. Dice, BA

Lukas J. den Boer, BS Biology Arie V. Den Breems, BA Interdisciplinary

Concentration

Megan A. De Maagd, BA

Scott J. DeMaagd, BA

Business-Human

Resources Concentration

Engineering-Mechanical

Stephen P. DeMaagd, BSE

Spanish

Andrew S. DeJong, BSE

Matthew S. DeJong, BA

Engineering-Mechanical

Concentration with Honors

Katherine M. Corbett, BA

Special Ed-Cognitive

Certification

Biology, Spanish

**Business** 

Nursing

Brandyn A. Deckinga, BA

Spanish, K-12 Certification

International Dev Studies

Integrated Science Studies,

Secondary Certification

Amber L. De Graaf, BA

Sarah D. De Graff, BA

Rachel E. DeGroot, BSN

Nathan M. De Haan, BS

Impairm't, Elementary

Business/CAS Group, Spanish Heidi A. De Vries, BA Physical Education

Heather A. DeVries, BA

Spanish, Elementary

Danielle G. DeVries, BSPA

Accountancy with Honors

Certification

Accountancy

Erik J. De Vries, BSA

Gwendolen M. Den Breems,

Jonathan B. den Haan, BS

BA

Art History

Jessica D. De Vries, BA Physical Education,

Spanish

International Dev Studies, Spanish

Spanish

Music

Robert E. Dice, BA

Social Work

Elise M. Ditta, BA

Interdisciplinary

Seamus P. Dillon, BA

Kelsey M. Diemer, BSW

Alexandra G. Dodde, BA Special Ed-Cognitive Impairm't, Elementary Certification

Katherine C. DeVries, BSPA

International Relations

Accountancy

Kelly J. DeVries, BA

Vocal Music, K-12 Certification Iason D. Dornbos, BSE Engineering-Mechanical Concentration Peter W. Dornbos, BS Biology Byron J. Doss, BS Chemistry Courtney N. Dotinga, BS Biology Aaron P. Draayer, BA CAS-Media Studies David R. Draayer, BA Physical Education, K-12 Certification Marcus A. Drenth, BA Business Stephen E. DuBois, BA Religion Sarah A. Dugan, BA Psychology Tiffany L. Duyst, BA **Business** Elizabeth C. Dykhouse, BA Spanish, Psychology Joanna C. Dykhuis, BA English Nathaniel J. Dykhuis, BCS Computer Science with Honors Benjamin J. Dykstra, BA Religion Christopher D. Dykstra, BA **Business** 

Caitlin A. Donnelly, BA

Joshua J. Donnelly, BA

Melanie L. Dorn, BME

Classical Studies, Greek

CAS-Media Production

Marc D. Eberlein, BSE Diane S. Esquivel, BSE Engineering-Mechanical Concentration Jonathan A. Eilers, BS Biology David P. Einfeld, BA CAS-Media Production Simeon T. Eisen, BSE Engineering-Electrical & Computer Concentration Mark A. Elders, BA Business Iulie E. Elenbaas, BA Speech Pathology & Audiology Curtis J. Ellens, BA **Business** Drew I. Elliot, BA Psychology Taylor C. Elliott, BA Special Ed-Cognitive Impairm't, Elementary Certification Hannah L. Elzinga, BSN Nursing Nathan M. Elzinga, BA

Psychology

Kendall A. Englund, BA

Philosophy

Biology

Kee Hyon Eom, BS

Michael C. Epker, BA

Physical Education

Aaron M. Faber, BSA Accountancy Nicole E. Farr, BA Business/CAS Group, Physical Education with Honors Kristen B. Farrell, BS Biotechnology John S. Faulkner, BA CAS-Film Studies, Asian Studies Joseph M. Engbers, BA Education/Three Minors. Cynthia J. Feenstra, BA Spanish Elementary Certification Rita L. Feikema, BA Stephen R. Engels, BA CAS-Film Studies. Interdisciplinary with CAS-Media Production Honors Joshua D. Engelsma, BA Erin B. Felak, BA Classical Studies

Certification

Nursing

Jason R. Fennema, BSN

tional Concentration Kayla M. Ethington, BA International Dev Studies Kendra R. Ettema, BSR Recreation Carla E. Exoo. BA Fine Arts, Elementary Certification Eric A. Eylander, BSE Engineering-Civil & Environmental Concentration Katelyn F. Faasse, BA Speech Pathology & Audiology with Honors Interdisciplinary, German

Engineering-Chemical

Concentration, Interna-Luke A. Fennema, BA Timothy D. Ferdinands, BA Janine E. Ferwerda, BA Mallory A. Feyen, BA Arielle H. Fischer, BA Amy B. Flietstra, BA Amber L. Fennema, BA Spanish, Secondary

Elementary Certification Aliza M. Flores Iordan, BA Art Andrew S. Folkema, BA Business Kristin R. Foltz. BA Philosophy with Honors, French Asa C. Forsythe, BA Philosophy Jordan G. Foxwell, BA Physical Education Jesse G. Frank, BA Political Science Michelle A. Fraser, BA International Dev Studies Anna C. Friesen, BA CAS-Rhetoric Michael T. Fustin, BA History, Secondary Certification Joshua H. Gabrielse, BSA Accountancy Joanne R. Galindo, BA Interdisciplinary

Jessica B. Fennema, BSN

German, Secondary

Business/CAS Group

Social Science Group

English with Honors

Education/Three Minors.

Mathematics with Honors

Nursing

Certification

Psychology Eric P. Geerlings, BSE Engineering-Civil & Environmental Concentration Maria C. Geleynse, BA International Dev Studies Deidre N. Genzink, BA Special Ed-Cognitive Impairm't, Elementary Certification Lisa M. Genzink, BA Language Arts, CAS-Rhetoric, Elementary Certification Daniel S. Geurink, BA Spanish, Psychology Cathryn E. Ghena, BA Physical Education Luke C. Gibbons, BA International Dev Studies.

French

Hope E. Garcia, BME

Certification

Dev Studies

Certification

Accountancy

**Business** 

Vocal Music, K-12

Grant R. Gardner, BA

Julia A. Garvelink, BA

Emily J. Geelhoed, BA

History with Honors,

Social Studies, Secondary

Education/Three Minors,

Elementary Certification

Elisabeth J. Geenen, BSPA

Jonathan R. Geenen, BA

Megan E. Geenen, BA

Economics, Spanish

Rebecca L. Garofano, BA

Sociology, International

Chelsea L. Gilman, BA
History

Daniel J. Gilmore, BA
Philosophy

Ashley A. Glover, BA

Special Ed-Cognitive Impairm't, Elementary Certification Jasper W. Gondhi, BSE Engineering-Mechanical Concentration

Michael K. Gondhi, BSE
Engineering-Mechanical
Concentration
Joshua A. Gonzales, BA

Aaron J. Goodman, BSE
Engineering-Civil & Environmental Concentration
David V. Goodwin, BA

Spanish

Sarah L. Goote, BSN Nursing Karin N. Gordon, BA Psychology with Honors,

Interdisciplinary

Greek

Qumisha D. Goss, BA

History, Classical Studies

Travis A. Gosselink, BA

Chrysta M. Gotsch, BA
Business/CAS Group
Alissa M. Goudswaard, BA
English with Honors

Branden W. Graf. BA

Political Science,

CAS-Media Production

Philosophy

Kristin L. Graham, BA

Psychology

**Thomas S. Graham, BA**Digital Communication

David B. Granger, BA
Business/CAS Group
Breanna N. Greer, BA

Sociology **Abigail M. Grimm, BSN**Nursing

Dana M. Grimm, BA History, Secondary

Certification **Isaac J. Groenendyk, BA**CAS-Media Production

Kelsey L. Groenhout, BSN Nursing David Groot, BA

French with Honors

Jovonni J. Grossi, BA

Philosophy, Religion

Jordan Jan Q. Guanga, BA CAS-Rhetoric

Karen E. Guichelaar, BS
Integrated Science Studies,
Elementary Certification

Christopher P. Gunnink, BA
Physical Education, K-12
Certification

Kyle T. Gurzynski, BA
Business
Anna K. Gustafson, BSN

Nursing

Matthew H. Haak, BA

Business

Brandon L. Haan, BA English, Religion David B. Haarmann, BA

Philosophy

Melissa J. Haegert, BS

Physics with Honors

Christopher E. Hageman, BA

CAS-Theatre, English

**Emily T. Hahn, BA**English, Elementary
Certification

Samuel A. Haist, BA
Religion
Jessica K. Hale, BA

Physical Education

Lauren E. Halverson, BSN

Nursing **Dathan J. Hamann, BA**Chinese

Melody G. Handali, BS Biochemistry, French Jason H. Handlogten, BSE Engineering-Mechanical

Concentration

Amy T. Harris, BA

CAS-Media Studies with
Honors

Paul M. Hartge, BA
Political Science with
Honors, Religion

Honors, Religion

Erin J. Hartwell, BA

Interdisciplinary

**Kyle R. Harvey, BSE**Engineering-Mechanical
Concentration

Rachel E. Hasey, BSN
Nursing
Katie A. Haveman, BSPA
Accountancy

Noel J. Hayden, BA
Economics, Mathematics
Lindsay J. Hayes, BA

Music

Robert L. Hayley, BSA

Accountancy

Robert H. Heath, BA
CAS-Media Production
Jennifer L. Heidmann, BS

Biology

Eric W. Hellenga, BA Hoi Yan Ho, BA Elizabeth M. Howell, BA Psychology Political Science, English Japanese Jennifer K. Helmus, BA Thomas D. Hoek, BA Lynette M. Hromada, BSE Spanish, Elementary English, CAS-Film Studies Engineering-Mechanical Certification Concentration Nicholas I. Hoeksema, BA Kathryn R. Hendrickson, BA Ioshua Hubers, BSA English with Honors Accountancy Rebecca D. Hoeksema, BA Music Rebekah I. Hubers, BA Kaitlin J. Hendriksma, BSN International Relations. Nursing with Honors Brvan P. Hoekstra, BSPA History Accountancy Iessica I. Henry, BA International Dev Studies Andrew W. Huizenga, BSE Randall M. Hoekstra, BA Engineering-Chemical Psychology Loren T. Henry, BA Concentration Business, Art Kendra L. Hoekzema, BS Joyce E. Huizenga, BA Biology, Biochemistry Cassandra L. Herman, BA Religion Physical Education with Amanda M. Hoffmeyer, BS Tyler D. Huizenga, BA Honors Biology History, Social Studies, Cedric B. Herman, BA Marva A. Hofman, BA Secondary Certification Business Art, K-12 Certification Laura A. Hunter, BS Jonathan L. Herrema, BA Michelle R. Hogendoorn, BA Biochemistry with Honors **Business Business** Jill E. Hutchison, BA Michael D. Herrema, BA Amanda P. Hollinger, BSE Special Ed-Cognitive Business Engineering-Mechanical Impairm't, Elementary Concentration Rachel M. Hesselink, BS Certification Biology Kari S. Holmgren, BA Elizabeth A. Huyser, BSE Political Science with Timothy J. Hewitt, BA Engineering-Mechanical Honors History Concentration, Interna-Luke D. Holtrop, BA Chelsea L. Hibbler, BA tional Concentration Education/Three Minors, Physical Education, K-12 Eric I. Immerfall, BSE Certification Elementary Certification Engineering-Civil & Envi-Andrew W. Hoogendam, BSE Christopher R. Hieftje, BA ronmental Concentration Engineering-Electrical & **Business** Jayme G. Ipema, BS Computer Concentration David J. Hiemenga, BS Biotechnology Mathematics Joan M. Hoogerhyde, BA Bradley W. Irish, BA Interdisciplinary Katherine E. Hill, BA CAS-Theatre Alexandria M. Hook, BA Education/Three Minors. Lora-Jan Irwin, BA CAS-Media Production, Elementary Certification Language Arts, Elementary Spanish Susan R. Hirschfeld, BA Certification Hilary L. Hoover, BA Mathematics, Secondary Natalia M. Izurieta, BA English Certification Sociology Kirsten M. Hix, BA

Art, Spanish

Timothy J. Jarrard, BA Business Charles W. Jarvis, BA CAS-Media Production Brent E. Jasperse, BA Chinese Rachel L. Jelgerhuis, BSE Engineering-Mechanical Concentration Johannah A. Jelks, BA Business/CAS Group Timothy R. Jelsema, BS Biochemistry Sol Ji Jeon, BA CAS-Rhetoric Kelsi R. Jewell, BSN Nursing Allyson R. Johnson, BA Sociology Amanda A. Johnson, BA Business Andrew C. Johnson, BSE Engineering-Civil & Environmental Concentration Carolyn E. Johnson, BS Physics Jordan A. Johnson, BA Jourdan E. Johnson, BSW Social Work, Spanish Krista M. Johnson, BA International Relations with Honors

Sarah M. Iadrich, BA

Jessica L. Jamieson, BA

Victoria B. Janssen, BA

Business/CAS Group

Kristine R. Janssens, BA

English, Philosophy

French

International Dev Studies

Jordan J. Johnston, BSE Engineering-Civil & Environmental Concentration Nicholas M. Joldersma, BA Business Fiona Joshua, BSA Accountancy Matthew T. Judge, BA Psychology Jee Yoon Jung, BA Art Corrine R. Junga, BA Sociology Blake A. Jurgens, BA Philosophy, Greek Ekaterina Kabanova, BA Business Bryanna J. Kamper, BA Physical Education David J. Kamphuis, BA History Jessica C. Kamstra, BA Language Arts, Elementary Certification Kimberly L. Kars, BA Computer Science Justin P. Karsten, BSE Engineering-Mechanical Concentration Neil A. Karsten, BS Integrated Science Studies, Secondary Certification Landon J. Kavlie, BA Computer Science, Mathematics Timothy D. Kertland, BA CAS-Rhetoric Hannah L. Kett, BA	Sean P. Kidd, BA Economics  April L. Kim, BA Physical Education  Doh Young Kim, BA Art  Tae Jin Kim, BA Business  Claire W. Kimiri, BA CAS-Rhetoric  Ashley E. King, BA History, Political Science  Cameron L. Kinney, BA Art  Kelli R. Klamer, BSN Nursing  Jonathon M. Klanderman, BA Social Science Group  Rachel J. Klein, BA Special Ed-Cognitive Impairm't, Elementary Certification  Joshua A. Kleine Deters, BA Philosophy  Benjamin M. Klepser, BS Biochemistry  Joel H. Klingenberg, BA History, Art  Jonathan P. Knowles, BA History with Honors  Cara A. Kochanski, BA Psychology  Aaron J. Koenes, BA Information Systems  Leah R. Koetje, BS Biology  Kelsey D. Kok, BSW	Kaitlin N. Kolk, BA Physical Education, K-12 Certification Nicholas J. Kooy, BA Music Heather M. Koning, BA Physical Education Marcelyn A. Kooienga, BSN Nursing Robert G. Kool, BA Business Alison J. Kopseng, BA Art History Michael L. Kornelis, BA Classical Languages Jeremy L. Kortering, BSN Nursing Hilary B. Korzon, BA Political Science Daniel J. Koster, BS Biotechnology Jessica A. Koster, BA Psychology Holly R. Kovanda, BA Business/CAS Group Peter J. Kraker, BCS Computer Science, Japanese Sara E. Kramer, BA Business, Psychology Anna-Marie K. Kreucher, BSN Nursing Deanne M. Kreuze, BA Physical Education Joshua A. Krueger, BA Psychology Joshua S. Kuipers, BA	An Kurosu, BA Special Ed-Cognitive Impairm't, Elementary Certification Kristin N. Kurtz, BA Art Lydia R. LaGrand, BSW Social Work Aaron J. Lammers, BSE Engineering-Civil & Environmental Concentration Timothy D. Langenberg, BA Biology Jared W. Langerak, BS Biology Daniel M. Laninga, BA CAS-Media Production, International Dev Studies Ryan M. LaReau, BSE Engineering-Civil & Environmental Concentration Stephanie A. Lasota, BSOT Occupational Therapy Joshua J. Layman, BA Psychology Joy M. Leach, BA Special Ed-Cognitive Impairm't, Elementary Certification Abby J. Ledeboer, BA Speech Pathology & Audiology with Honors Eric R. Ledy, BSE Engineering-Mechanical Concentration Carson K. Lee, BA Business Hyon Deok Lee, BA
History  Rebecca L. Kibbe, BA  English	Kelsey D. Kok, BSW Social Work	Interdisciplinary <b>Kariuki Kungu, BA</b>	Business/CAS Group  Michael Lee, BS  Biochemistry
211811011		Business	

Rebecca A. Lee, BA Susanna K. Lynch, BS Alex J. Mayer, BA Erika E. Menyes, BS Psychology, Political Biochemistry Biology English with Honors, Spanish Science Nathaniel S. Ma, BA Joel R. Meredith, BA Amanda D. Leese, BA Interdisciplinary Kelby J. McClelland, BA French Physical Education Interdisciplinary Stacy L. Maat. BA Kayley A. Merencsics, BSN English Caitlin A. McGill, BA Nursing Nicole E. Lenko, BA Mathematics, Secondary International Relations Ryan D. Machiele, BA Ryan P. Meyerink, BA Certification English Kristen A. McHugh, BFA Business Carla M. Lindemulder, BA Art Carey J. Majeski, BA Nathan L. Meyers, BS Spanish, Elementary Philosophy Alex C. McKenzie, BA Physics Certification History, Secondary Lindsay M. Makowski, BA Daniel J. Michalowski, Stacie N. Lippert, BA Certification CAS-Media Studies BSE, BS History, Secondary Shauna M. McLaughlin, BA Engineering-Mechanical Aaron C. Maley, BSE Certification History Concentration, Physics Engineering-Electrical & Brent J. Long, BSE Computer Concentration Molly K. McNamara, BA Matthew J. Milan, BSE Engineering-Civil & Envi-Business/CAS Group Engineering-Mechanical Jeremiah C. Mallin, BA ronmental Concentration Concentration CAS-Media Production Andrew M. McReynolds, BA Cynthia A. Longyne, BA Lindsey M. Miles, BA Spanish Kelly N. Malling, BA CAS-Rhetoric Sociology Luke D. Medema, BA Education/Three Minors, Tracy J. Lont, BA Elementary Certification Physical Education, Carly J. Miller, BA Special Ed-Cognitive Psychology Secondary Certification Jeremiah J. Mannschreck, BA Impairm't, Elementary Michelle E. Medema, BS Religion, Philosophy Jessica A. Miller, BS Certification Biology with Honors Biology, English with John L. Mantel, BSE Johnathan C. Loritsch, BA Engineering-Mechanical Honors John C. Medendorp, BA Asian Studies Concentration Greek, Religion with John W. Miller, BA Julienne R. Louters, BS Honors CAS-Media Production Amanda A. Marcotte, BA Biochemistry, Spanish Gina E. Meekhof, BA Amy M. Mitchell, BS Jane E. Louwsma, BS Biology Speech Pathology Leslie A. Marcus, BA Environmental Science & Audiology Psychology Danielle S. Mitchell, BSN with Honors, Biology with Erica D. Meekma, BA Nursing Stephanie M. Markle, BSW Honors Social Work Psychology Dean A. Mitchell, BA Ioel D. Love, BSE Iacob A. Meier, BS Political Science Thomas E. Marshall, BSE Engineering-Mechanical Engineering-Civil & Envi-Biology Todd S. Mitchell, BA Concentration ronmental Concentration Mathematics, Secondary Jessica L. Meijer, BA Rachel A. Lubben, BSW Education/Three Minors, Certification Teresa E. Martin, BA Social Work Elementary Certification Psychology Daniel S. Mlnarik, BS Alyssa M. Ludema, BA Kyle J. Mast, BS Jennifer E. Meneely, BSE Biology **Business** Integrated Science Studies, Engineering-Mechanical Jared A. Moberg, BS Ashley E. Luse, BA Concentration Elementary Certification Biology Business with Honors,

Rachel M. Mathewson, BSN

Nursing

Economics/Math Grp

Paul B. Menn, BA

English

David A. Moelker, BSE	Daniel X. Muntz, BA	Eric D. Nondahl, BA	Gina D. Overweg, BSN
Engineering-Electrical &	CAS-Media Studies	CAS-Media Production	Nursing
Computer Concentration	William J. Murphy, BA	Jackson T. Nordling, BA	Jeffrey L. Overweg, BSE
Davis J. Moes, BSR Recreation	Business/CAS Group	Business  Zashary P. Nordling PA	Engineering-Electrical & Computer Concentration
Marla J. Montbriand, BA	Nathan J. Musch, BA Music	<b>Zachary B. Nordling, BA</b> Education/Three Minors,	Seth D. Palmer, BA
Physical Education	Jack H. Musser, BA	Elementary Certification	History
Marian E. Mooi, BS	Religion	Eric R. Nydam, BA	Arie T. Pals, BA
Biology	Andrea M. Mustine, BA	Interdisciplinary	History
Kevin P. Morales, BA	English	Jacob D. Nydam, BA	Kayla N. Paramore, BA
International Relations	Hanna J. Myers, BA	Business	Chinese, International
Stephanie J. Morgan, BA	Special Ed-Cognitive	Andrew T. Nyeholt, BSA	Relations
International Dev Studies	Impairm't, Elementary Certification	Accountancy	Natalie J. Park, BSW Social Work
Amanda L. Morren, BA		David W. Nyenhuis, BSE  Engineering-Civil & Envi-	Emma S. Parker, BA
Special Ed-Cognitive Impairm't, Elementary	Stacie M. Natelborg, BSN Nursing	ronmental Concentration	Interdisciplinary
Certification	Jessica L. Naylor-Tatterson,	Krista E. Ocier, BSPA	Stephanie K. Parker, BSR
Caitlin E. Morris, BA	BA	Accountancy	Recreation
History, Classical	International Dev Studies	Megan N. Odegaard, BSA	Chelsea H. Parr, BA
Languages	Ruth L. Nederhood, BA	Accountancy	Interdisciplinary
<b>Cameron S. Morse, BA</b> English, Chinese	Education/Three Minors, Elementary Certification	Luis Renato G. Oliveira, BA	Cedric W. Parsels, BA
Shannon M. Moselle, BA	Rachel E. Neice, BA	Philosophy	Philosophy with Honors
History, International	Music	Rachel A. Ooms, BA Business/CAS Group	Susan G. Passavant, BSN Nursing
Relations	Carla L. Nelson, BA	Timothy J. Opperwall, BSE	Andrew C. Passmore, BSPA
Joseph W. Moss, BS	Physical Education,	Engineering-Mechanical	Accountancy
Biology	Spanish	Concentration	Emily A. Peoples, BS
Gerrid C. Mouw, BA	Justin P. Newhuis, BA	Andrew J. Orlebeke, BA	Computer Science
Social Science Group	Business	Spanish	Timothy M. Perrine, BA
Bradley J. Mulder, BA Business	<b>Leah M. Nieboer, BA</b> English	Joshua T. Orndorff, BS	Philosophy with Honors
Matthew J. Mulder, BSN	Paul R. Nienhuis, BA	Physics	Michael G. Petlicke, BSE
Nursing	Spanish, Secondary	Kathryn M. Oskam, BSW Social Work, Sociology	Engineering-Electrical & Computer Concentration
Natalie A. Mulder, BA	Certification	Luke A. Otten, BA	Isaac O. Pettit, BA
Music	Adam D. Nieuwkoop, BSN	Business	Business
Sarah A. Mulder, BSPA	Nursing	Emily A. Ottenhoff, BA	Cathryn S. Phillabaum, BS
Accountancy	Marissa A. Nobel, BSA	Physical Education, K-12	Geology
Stephen P. Mulder, BA	Accountancy  Ponjamin A Noftzgor PA	Certification	Amy R. Pickrel, BA
History	<b>Benjamin A. Noftzger, BA</b> Spanish, Chinese	Julia E. Overs, BA	Interdisciplinary
Amy L. Mundwiler, BS Biology	Eric A. Nollet, BS	Physical Education, Spanish	Hannah E. Piedt, BA
210.106)	Biochemistry	Spanish	Art
	•		

Meredith L. Piersma, BSW Katie L. Proctor, BA Emily A. Resseguie, BS Jonathan P. Roshko, BS Social Work Interdisciplinary Biology Computer Science Benjamin J. Pipher, BS Luke A. Purdy, BA Katherine P. Reyburn, BA Caleb R. Rottman, BSE Physics CAS-Film Studies, English Integrated Science Studies, Engineering-Electrical & Elementary Certification Computer Concentration Christina L. Plaisier, BS Danielle M. Pvle, BA Biochemistry Speech Pathology Iennifer M. Revnolds, BA Eric M. Rottman, BA & Audiology English, French with French, Philosophy Katelyn J. Plaisier, BA Mathematics Honors Jessica M. Pyper, BA Alexis A. Rovce, BA Education/Three Minors. Elizabeth M. Ribbens, BA Interdisciplinary Sarah D. Plaisier, BA Elementary Certification Physical Education, K-12 Speech Pathology Christopher J. Rozenboom, Certification & Audiology BA Music Andrew H. Quackenbush, BA Geography Ellen Richardson, BA Shane W. Pluger, BA Craig J. Rybarz, BS International Relations Physical Education Daniel J. Quemada, BA Biochemistry Psychology Iulia E. Riddell, BA Nathan J. Pocock, BSPA Amy M. Rycenga, BA International Relations, Accountancy Erin M. Quist, BA CAS-Media Studies Spanish Special Ed-Cognitive Kaitlyn G. Pomykala, BS Leah L. Salazar, BSW Impairm't, Elementary Kaitlin A. Riley, BA Biology Social Work Certification History David M. Sandberg, BS Kelli J. Ponstein, BA Aaron R. Raak, BSE Emily J. Roberts, BA English Biochemistry Engineering-Civil & Business/CAS Group Nicole L. Poortenga, BSN Megan J. Schaap, BSN Environmental Concen-Sarah M. Robinson, BA Nursing Nursing tration. International Speech Pathology Christopher R. Postema, BA Elizabeth A. Schaefer, BA Concentration & Audiology Political Science English Deborah K. Ramamoorthy, Michael W. Rodriguez, BA Kristen A. Postma, BSN Anna R. Scheffers, BA BA Interdisciplinary, Spanish, Nursing Business/CAS Group CAS-Media Production Joshua A. Potts, BA Kristin L. Schipma, BA Kimberly R. Randle, BA Katherine S. Roelofs, BSN Business/CAS Group Business English, Secondary Nursing Charles R. Powell, BA Kara J. Schipper, BSW Certification Nicole M. Roelofs, BS CAS-Theatre, Art History Social Work Dena E. Recker, BA Biology Laura G. Price, BSE Rebecca L. Schmidt, BA History, Latin Dana M. Rogers, BSA Engineering-Civil & Envi-English, Classical Studies Brooke A. Reichert, BA Accountancy ronmental Concentration Paul A. Schrampfer, BA English, Spanish, Morgan C. Rognstad, BSOT Megan E. Priester, BA Political Science with Secondary Certification Occupational Therapy Business/CAS Group, Honors, Philosophy with Jared E. Renaud, BA Tara L. Romanowski, BA Psychology Honors History CAS-Rhetoric Johanna M. Prins, BA Mary B. Renfro, BA Amy N. Schuler, BA Psychology Jessica R. Roodvoets, BA English Religion Art Scott E. Prins, BSE Stephen C. Schultz, BA

Aaron D. Roorda, BA

CAS-Mass Media

Nursing

Rachel C. Rosema, BSN

Classical Studies, History

Lauren M. Schultze, BSN

Nursing

Andrew J. Rescorla, BSE

Engineering-Civil & Envi-

ronmental Concentration

Engineering-Civil & Envi-

ronmental Concentration

Mathematics, Secondary Certification <b>Hannah E. Selles, BA</b> Art History	International Dev Studies  Brent N. Sloterbeek, BA  Information Systems	Jeannette T. Speelman, BA Philosophy, English with Honors, Chinese John J. Speelman, BSE	Nicole R. Swieringa, BS Biology Timothy J. Swinkels, BA Business
Robert R. Selles, BA Psychology with Honors Yire Seo, BA Japanese	Jennifer A. Smeage, BA International Dev Studies Alyssa J. Smeding, BA English Tyler J. Smies, BA	Engineering-Mechanical Concentration, Philosophy  Douglas S. Spencer, BS Geology	Matthew S. Sytsma, BA History Rachel E. Talen, BA Business/CAS Group
Whitney L. Shaarda, BA Business/CAS Group Michael J. Shade, BA English Danielle N. Sheffield, BA International Dev Studies	Business  Brian J. Smit, BA Japanese  Elizabeth J. Smit, BSE Engineering-Civil & Environmental Concentration	Ryan J. Sprague, BA Asian Studies  Diana E. Spring, BA Psychology, Art  Jane M. Stearley, BA Business, French	Gaybrielle E. Talsma, BA Spanish Benjamin P. Tameling, BA Religion, History, Secondary Certification Brian R. Tanck, BA
Nicole A. Shipman, BA Biology Benjamin A. Shoemaker,	Alyssa J. Smith, BSN Nursing Dustin P. Smith, BA	Cassie M. Stebbins, BS Biology Evan D. Steensma, BS	English, Philosophy <b>Daniel J. Tao, BS</b> Chemistry
BA Psychology, International Relations with Honors, Spanish	CAS-Media Production  Jeffrey T. Smith, BA  Business/CAS Group  Joshua R. Smith, BS	Biology  Lauren E. Stegehuis, BA  Physical Education  Rachel E. Stehouwer, BA	Sarah Z. Tasker, BS Chemistry with Honors, Spanish Jill M. Taylor, BSN
Benjamin T. Siekmeier, BA Social Science Group Benjamin J. Sietsema, BA Business	Biology  Mandy M. Smith, BA  Education/Three Minors, Elementary Certification	German with Honors, Art  Melissa L. Stek, BSW  Social Work  John W. Stoffer, BA	Nursing <b>Anna J. TenBrock, BA</b> Spanish, Elementary  Certification
Matthew L. Sikma, BSA Accountancy	Gregory S. Snapper, BS Chemistry	Business Cherry A. Stoltenberg, BA	Alissa M. Tenney, BS Biology
Accountancy  Andrea R. Sizemore, BA	Elizabeth A. Sneller, BA Interdisciplinary with Honors, English	Sociology  Rachel J. Strikwerda, BS  Biology	Melissa A. Ter Horst, BSN Nursing Anthony J. Terpstra, BA

Matthew D. Sowash, BA

International Relations

Jessica M. Spearman, BA

Spanish, Elementary

Certification

Kayla M. Sulzer, BA

Political Science

Art History

Social Work

Daniel J. Swansinger, BA

Zjanee K. Swanson, BSW

Mark A. Swierenga, BA

Joshua A. Swieringa, BA

English, Secondary

Mitchell D. Terpstra, BA

English, Philosophy

Certification

History, Secondary

Economics

Certification

Timothy J. Slager, BA

Computer Science

Naomi M. Sloan, BA

Sarah E. Snoeyink, BA

Brendan M. Snyder, BA

Information Systems

Business

Niko Solihin, BA

Mathematics with Honors

Economics

Derek J. Slenk, BA

Brekstyn J. Schutten, BA

Biology with Honors

Certification

Geography

Emily J. Slager, BA

Special Ed-Cognitive

History with Honors,

Impairm't, Elementary

Physical Education

Geoffrey L. Scott, BS

Kelsey M. Sears, BA

Rachael E. Terpstra, BA Iodi R. Unema, BA Zachary R. Vanderlaan, BA Alexander M. Vander Woude. Language Arts, Elementary BA Education/Three Minors. Physical Education Certification Elementary Certification English Annica M. Vander Linde, BA Renee J. te Velde, BA Jarrad M. Utter, BS Steven M. Vanderzee, BA Speech Pathology CAS-Film Studies Chemistry with Honors, Iohanna M. Vander Linde. & Audiology Biology, **BSOT** Occupational Jenna L. VanderZwaag, BA Timothy A. Thielke, BSE Special Ed-Cognitive Margaret C. Vail, BSW Therapy Engineering-Chemical Social Work Impairm't, Elementary Hendrik Vanderloo, BSE Concentration, Chemistry Certification Engineering-Civil & Envi-Kurt M. Van Allsburg, BS Emily S. Thomas, BA ronmental Concentration Jennifer N. Vandezande, BSN Chemistry with Honors CAS-Media Studies Nursing with Honors Nicholas R. Vander Lugt, BA Luke H. Vande Bunte, BSA Alexander R. Tiemens, BA Rebecca T. Van Dijk, BA History Accountancy Interdisciplinary Language Arts, Elementary Aaron J. Vander Meer, BSW Aaron J. Vande Kamp, BA Certification David E. Tiesma, BA **Business** Social Work Psychology with Honors Tyler K. VanDongen, BSE Andries H. Van der Meer, BS Iacob R. Vanden Bosch, BSE Engineering-Mechanical Caitlin E. Timmer, BSN Biology Engineering-Mechanical Concentration Nursing, Spanish Concentration Anna Vander Munnik, BA Lisa L. Van Drunen, BA Rebecca J. Timmermans, Sociology Whitney A. VanDenHeuvel, Special Ed-Cognitive **BSW** Jenna E. Vander Sluis, BA Impairm't, Elementary Social Work Speech Pathology Education/Three Minors, Certification & Audiology Elementary Certification Jeffrey A. Timmington, BA Erika J. VanDyk, BA Business/CAS Group Mitchell S. Vander Baan, BS Daniel A. VanderSpek, BSE English, Secondary Biology Engineering-Electrical & Mary E. Tolsma, BA Certification Computer Concentration, Physical Education Danielle J. Vander Ende, BA International Concentration Jessica L. Van Dyk, BA Economics, International Chi Shun Tong, BA Education/Three Minors, Dev Studies George W. Vander Tuig, BS Mathematics Elementary Certification Katherine S. VanderHeide. Geology, Secondary Ianelle K. Torbet, BSN Helena A. Van Eek, BA Certification Nursing Education/Three Minors, Integrated Science Studies, Timothy E. Vander Veen, BA Megan E. Tousley, BA Elementary Certification Secondary Certification Philosophy English Erica L. Van Essendelft, BA Aaron J. Vanderhill, BSE Andrew J. VanderWal, BA Emily J. Tuuk, BA International Dev Studies Engineering-Civil & Envi-Physical Education, K-12 Business/CAS Group with ronmental Concentration Amanda R. Van Grouw, BA Certification Honors Psychology, Music Micah S. VanderHill, BS Heidi J. Vander Wal, BSN Joy E. Tweedie, BA Kevin J. VanHarn, BA Biology Nursing CAS-Film Studies Mathematics, Secondary Betsy L. Vander Kodde, BA Jacob A. Vander Wall, BSE Anna J. Ubels, BA Certification Spanish, Elementary Engineering-Electrical & Speech Pathology Certification Alyssa A. Van Heukelem, BA Computer Concentration & Audiology English, Secondary Ericka I. VanderLaan, BA Kathryn B. VanderWindt, BA Christopher B. Uitvlugt, BS Certification Psychology Sociology

Biology

Aligeia W. Vallicallillicii,	recountaincy	Kengion	& Mudiology
<b>BSN</b> Nursing, Spanish	Blake J. Van Wylen, BA Business	Natalie K. Veurink, BSN Nursing	Alisa M. Walterich, BSN Nursing
Jason A. VanKampen, BSE Engineering-Civil & Envi- ronmental Concentration	Christina N. Van Zoest, BA History, Secondary Certification	Ashley D. Visser, BA Business/CAS Group Cory W. Visser, BA	Matthew S. Walters, BA International Dev Studies Jonathan M. Walz, BCS
<b>Christa J. VanKeulen, BSR,</b> Recreation	Kendra N. Vaughn, BME Music, K-12 Certification	Business/CAS Group  George T. Visser, BA	Computer Science  Ellen M. Wandland, BA
<b>Steven C. Van Koevering, BS</b> Chemistry	Yamily Vazquez, BA Sociology	CAS-Media Production Kelli M. Visser, BA	Speech Pathology & Audiology, Spanish
Emma R. Van Kooten, BSN Nursing	Nicholas P. Veeneman, BSA Accountancy	Speech Pathology & Audiology	Tiffany Wang, BA Economics
<b>Kyle J. Van Kooten, BA</b> Business	<b>Amy L. Veenstra, BA</b> Psychology, Sociology	Malia R. Volbeda, BA Biology	<b>Andrew J. Warren, BA</b> Economics, Mathematics
Jeffrey S. Van Laar, BSE Engineering-Civil & Envi-	Joshua M. Veenstra, BSE Engineering-Civil & Envi-	Laura M. Vos, BA History, Secondary	Stephanie C. Welch, BS Biochemistry
James D. VanLeeuwen, BSE Engineering-Mechanical Concentration	ronmental Concentration  Elizabeth S. Veldkamp, BSN  Nursing	Certification  Leia C. Vos, BA  Psychology	Art History  Heidi T. Wesseling, BA
Heather J. Van Loo, BA Physical Education, K-12 Certification	Brett D. Veltema, BSA Accountancy Matthew L. Veltema, BA Education/Three Minors.	Michael J. Vos, BA Geography Elizabeth J. Voss, BA Business	Art, K-12 Certification  Michael A. Westerveld, BA  Religion
Suanna L. Van Norstrand, BA CAS-Rhetoric	Elementary Certification  Alisa P. Velthuizen, BA  Philosophy, Psychology	Nikole R. Voss, BSW Social Work	David J. Westlund, BSE Engineering-Civil & Environmental Concentration
<b>Erin R. Vanoostveen, BA</b> Physical Education	Claire E. Veltkamp, BSN Nursing with Honors	Wendy Voss, BA Art Daniel I. Vaccon, BSE	Christina M. Westra, BSR, Recreation
Adam J. Van Opstall, BA Business	Mary E. Venhuizen, BSN Nursing	Daniel J. Vroom, BSE Engineering-Civil & Environmental Concentration	<b>Tyson T. Wevers, BA</b> History, Religion, Secondary Certification

Alissa M. Vermeulen, BA

Spanish, Elementary

Spanish

Keri J. Verwolf, BA

Certification

Religion

Philip A. Vestal, BA

Julie A. Vryhof, BA

Certification

Special Ed-Cognitive

Impairm't, Elementary

Colin Y. Wade, BA

Cara J. Walcott, BA

Physical Education

Speech Pathology

& Audiology

David S. White, BA

Jason M. Wierenga, BA

Business/CAS Group

Physics

Kimberly N. Wallinga, BA

Psychology

Paul H. Van't Hof, BSPA

Physical Education

William T. Van Weelden,

Accountancy

Accountancy

BSPA

Lucas J. Vermaire, BA

Psychology, Spanish

Timothy E. Vermeer, BA

Sociology, Political Science

Jill A. Van Veen, BA

Nathan L. Van Heukelum,

Jason A. Van Hoven, BSPA

Angela M. VanKammen,

Leah J. Van Schouwen, BSW

Education/Three Minors,

Elementary Certification

Kaitlin A. Van Stelle, BA

Social Work

Concentration

Accountancy

Engineering-Mechanical

BSE

Jennifer L. Wierenga, BSN Nursing Tianna M. Wierenga, BA Art Blake R. Wieringa, BSPA Accountancy Samantha J. Wiers, BA Language Arts, Elementary Certification Tracie S. Wiersma, BA Music Katelyn M. Wigboldy, BA Music Elisabeth A. Wilbur, BA Business Jessica K. Wilcoxson, BA

Speech Pathology & Audiology with Honors Kimberly S. Wilkins, BA Education/Three Minors,

Elementary Certification Kyle P. Willard, BSN Nursing Ashley A. Williams, BA Speech Pathology

Carly A. Williams, BSW Social Work

& Audiology

Chalene M. Williams, BSN Nursing

Paige A. Williams, BA International Dev Studies

Pamela C. Williams, BA International Dev Studies Heather M. Wilson, BA

English Harry R. Winters, BA

Interdisciplinary Mark D. Winters, BA

**Business** Keith G. Wirrell, BA

International Relations Ben D. Witte, BA

Asian Studies Stephanie A. Witteveen, BA Psychology with Honors

Bethany E. Woelk, BA CAS-Media Production

Stephen A. Woerner, BA Japanese, Religion Chad T. Woldman, BSA

Accountancy Timothy B. Wolffis, BA Information Systems

Gillian L. Wood, BA Spanish, CAS-Rhetoric

Mary N. Workman, BA History, Social Studies, Secondary Certification

Geology Melissa S. Woudenberg, BSN

Seth J. Workman, BS

Nursing Elizabeth M. Wright, BA Business/CAS Group,

History

German

Art Cailin G. Yatsko, BA

CAS-Media Production Elizabeth A. Yeager, BA

Speech Pathology & Audiology Daniel I. Yonge, BA

Business/CAS Group, Art Sang Eun Yoon, BA

English Elizabeth A. Wroughton, BA Kevin F. Wuest, BA Rachelle G. Wunderink, BA

Yeo Myoung Yoon, BA Spanish, Secondary Certification Daniel Ysselstein, BS

Biology James D. Zandstra, BA International Relations

Iennie C. Zeilstra, BA English, Secondary Certification

Samuel T. Zigterman, BA Business, Spanish

Gail L. Zilker, BSR Recreation

Chelsey D. Zondervan, BA Spanish

Eric T. Zoodsma, BA Business, Psychology

Lucas J. Zwart, BS Biochemistry

Dustin S. Zwier, BA Business, Psychology

Nathan J. Zwierzynski, BS Physics

Paula J. Zwierzynski, BA Chinese

# THREE-YEAR CERTIFICATE IN OCCUPATIONAL THERAPY

Christina T. Davison

Johanna M. Jahn

Jessica A. Lubben

**Business** 

# **Departmental Banners**

Throughout history, colorful banners have been used to mark important religious and civic events and to celebrate the vision and spirit of the participants in such events. The departmental banners displayed at this occasion arise from an awareness of this tradition and are meant to continue it. Besides symbolically revealing the richness of the various disciplines at Calvin College, the banners graphically represent their distinctiveness. Although their colors are mostly in keeping with traditional associations—scarlet for religion and theology, blue for education, orange for engineering—their forms combine the traditional, the contemporary, and the abstract.



Art and Art History



Biology





Chemistry and Biochemistry



Rusiness

Classical Languages



Communication Arts and Sciences

# **Art and Art History Department**

An abstract eye and hand symbolize artistic expression through the artist's sense of sight and touch. Bright colors against black suggest creative boldness.

# **Biology Department**

Dominating the biology banner is a symbol representing the structure of the DNA molecule, deoxyribonucleic acid. The structure of this fundamental material of life, the chemical basis of heredity, was revealed in 1953 and actually photographed in 1969.

# **Business Department**

The banner of the Business Department depicts a visual representation of business as a nexus of relationships between people. A Christ centered education is symbolized by the center vertical column and the horizontal shape of human figures forming a cross. The center vertical, white column also symbolizes the light of learning and the presence of the Holy Spirit in education.

# **Chemistry and Biochemistry Department**

The main symbol used in this banner is the electron distribution for tetrahedral hybrid orbitals, which represents the chemical activity of the elements and their compounds. Two segments of a crystal structure are included in the design, which are also the floor plan shape of the science building. The shaft of pale yellow symbolizes the light of investigation. Yellow is the traditional color associated with science.

# **Classical Languages Department**

While the lyre and the wolf may be taken individually as symbols of Greece and Rome, together they portray the unity of the two civilizations and its cultural achievement, the union of art and nature, and of poetry and myth. Horace has given this continuity and fusion of the two traditions of Greece and Rome its classical literary expression in his odes, of which none better, perhaps, than the "Integer vitae" ode conveys the intention of this banner.

# **Communication Arts and Sciences Department**

Sound waves emanating from a central core symbolize communication through speech and drama. The reversal of the outward movement suggests feedback in communication. Silver gray is the color traditionally assigned to speech and drama.



Computer Science



Economics



Education



Engineering



English



French



Geology, Geography, & Environmental Studies

# **Computer Science Department**

The banner of the Computer Science Department features a Turing machine, the foundational model of digital computation. The zeroes and ones on its tape reflect the binary logic by which digital computation is implemented. The changing colors and order of the numbers express the transition as data move from input through processing to output. The white shaft and its golden sheath symbolize the light and energy of education and the sciences. The flowing wind symbolizes the transforming work of the Holy Spirit as it infuses the discipline of computing.

# **Economics Department**

Shapes and lines express the charting and planning of economic budgets. Subtly appearing among other symbols is a cross expressing the Christ-centered teaching of economics at Calvin College. Copper is the color associated with economics.

# **Education Department**

The relationship of teacher and student in the educational process is represented by the forceful interaction of shapes in this design. The white shaft symbolizes the light of learning in the Holy Spirit. Blue is traditionally linked with education.

# **Engineering Department**

The Engineering banner illustrates the key activity of engineers, namely, their involvement with the design process, an iterative, decision-making sequence. Steps in the sequence, represented by circles and rectangles, are connected by arrows to indicate the movement from the initial problem statement to final solution. Two-way arrows suggest the possibility of sequence reversal. Orange traditionally designates engineering.

# **English Department**

The two main symbols, the lion and the eagle, represent England and the United States of America. The lozenge pattern in the background expresses the pageantry of England during the development of the English language.

# French Department

The banner of the Department of French features the Coq Gaulois, long a national emblem of France, and Arch of Triumph, a symbol of French patriotism. The cock, traditionally the Christian symbol for watchfulness, has been adopted as its symbol by a nation which since its inception has been one of the important cradles of Christian thought and practice. The colors of the national flag are represented by the Coq Gaulois.

# Geology, Geography, and Environmental Studies Department

Earthkeeping, the human community's care for God's earth, is symbolized in the banner for the Department of Geology, Geography, and Environmental Studies by representations of atmosphere, mountains, cities, water, and the various levels of the earth's interior. The white shaft symbolizes the light and energy of learning stimulated by the Holy Spirit.



Germanic & Asian Languages & Literatures



Health, Physical Education, Recreation, Dance & Sport



History





Mathematics & Statistics



Music



Nursing



Philosophy

# Germanic and Asian Languages and Literatures Department

The study of the Dutch and German languages is represented by symbols taken from emblems of the countries associated with these languages. The traditional black eagle represents Germany, and the orange lion is from the seal of the Netherlands. The white shaft symbolizes the light of learning.

**Health, Physical Education, Recreation, Dance, and Sport Department** Engaged in exercise, sports, and dance, a person in motion is suggested by the movement of rhythmical shapes and lines. Sage green is the color associated with physical fitness.

# **History Department**

Jagged horizontal bands, representing both the rise and fall of civilizations and the four kingdoms as described in the Book of Daniel, move across vertical time lines, which also symbolize the dramatic influence of Christ on history.

# Library

The library as a gatherer, receptacle, and distributor of information, ideas, and learning is represented by the abstract book shape, while the white, flowing shaft itself symbolizes the light and energy of learning in the Holy Spirit of God. The flame is the traditional symbol of learning and discovery through research.

# **Mathematics and Statistics Department**

Mathematicians have always saved time and effort by substituting symbols for words. The basic arithmetical steps of adding, subtracting, multiplying, and dividing are depicted on this banner by some of the earliest ways of writing them down.

The Renaissance calculator Tartaglia used the first letter of the Italian word for plus to signify adding. Diophantus favored this minus sign in Greek times. Leibniz employed this multiplication symbol in 17th-century Germany. J. E. Gallimard used this reverse D for division in 18th-century France.

# **Music Department**

The design of the Music banner emphasizes the rhythms of musical sounds. Shapes and lines suggest strings, valves, keys, horn bell, drum, and other musical forms. Radiating circles suggest sound waves. The colors express the various moods of music.

# **Nursing Department**

The traditional emblem of nursing, Florence Nightingale's lamp, is featured in the banner for the Department of Nursing. The flame of the lamp symbolizes the light of Christian compassion and education. The gold of the lamp is the traditional color for science. The background apricot color is the academic regalia color for nursing, while the white shaft represents peace through the Holy Spirit.

# **Philosophy Department**

Light refracted through a transparent prism symbolizes the many-faceted investigations of fact and of principles of reality and of human nature and conduct.



Physics and Astronomy



Political Science

Psychology





Sociology & Social Work



Spanish

# Physics and Astronomy Department

The construction of elements is symbolized in the Physics banner by the simplest atom, hydrogen, with its single proton and electron. Also included in the design are a tracing of the paths of particles from an atom and a segment of a crystal structure which is also the floor plan shape of the science building. The yellow shaft symbolizes the light of investigation.

# **Political Science Department**

The banner of the Department of Political Science features a representation of the fasces, a symbol of the authority of the state, and arrows that express the direction and flow of the analytical and holistic nature of the process of law. The fasces, a bundle of rods bound about by an ax with projecting blade, was carried before ancient Roman magistrates as a symbol of authority. The white shaft of seven rods also symbolizes peace and enlightenment through the Holy Spirit.

# **Psychology Department**

The Greek letter PSI, the first letter of the Greek word psyche (the mind), traditionally signifies the discipline of psychology. The color red symbolizes emotion; blue, rationality; and white, peace through the Holy Spirit.

# **Religion Department**

Three symbols of the Trinity—circle, cross, and dove—express the fullness of God as He reveals Himself as Creator, Savior, and Counselor. These symbols are interlocked to depict the oneness of God. The shaft of white is the light of learning in Christian education guided by the Holy Spirit. Scarlet is traditionally associated with theology.

# Sociology and Social Work Department

The central concept of sociology, represented by the inner circle, is a person interacting with other people to form groups. Total human society, represented by the broken circle, is composed of many small units forming a larger interrelated structure. All groups, from the family to society itself, exist within a framework of social norms. This normative or cultural framework, represented by the unbroken outer circle, promotes conformity, as suggested by the arrows directed from it toward the inner circles of society and the smaller group.

# **Spanish Department**

The banner of the Spanish Department features the traditional symbols of the historical kingdoms of Castilla (castle), León (lion), and Aragón (red and yellow bars). These Christian kingdoms emerged during the eight-hundred-year-long reconquest of the Iberian Peninsula from domination by Muslim rulers. The separate kingdoms were joined through the marriage of Ferdinand and Isabella, and eventually coalesced into the modern nation of Spain.

Building arrangements:	Tim Bakelaar, l
Commencement Committee:	Peter Tigchelaa

Richard Field, Jim Phillips, Tim VerStrate, and Dave Zylstra

Robin A. Jensen

ar and Jeff Stob, co-chairs, Donna Anema, Rick Balfour, Susan Buist, Ada Castle, Sharolyn Christians, Robert Crow, June DeBoer, Connie Porte, Mary Jeanne Quist, Ben Shoemaker, Diane Vander Pol

**Commencement Participants:** Brian Bolt, Cheryl Brandsen. Kathi Groenendyk, Ruth Groenhout, Larry Louters, Mwenda Ntarangwi, Karen Saupe, Mark Williams

Hoogenboom Health and **Recreation Center Host:** 

Banners:

**Chapel Host:** 

Litany:

**Faculty Marshals:** Raymond L. Slager, MS, CPA, William R. Stevenson, Jr., PhD

Student Marshals: Emily Thomas, Kurt Van Allsburg, Michael Rodriquez, Emma Slager Design: Calvin College Communications and Marketing

Flowers: Eastern Floral

**Publicity:** Phil de Haan, Director of Communications and Marketing; Michael J. Van Denend, Executive Director, Calvin Alumni Association

Signer: Valerie Manglitz

Technical Assistance: Video Productions, Conferences and Campus Events Technical Services, Calvin Information Technology

Reception: Commons lawn (rain location: Huizenga Tennis and Track Center)

Kenneth Erffmeyer, Vice President

Uko Zylstra, Dean of Natural Sciences and Mathematics

Cornelius Plantinga, Jr., President, Calvin Seminary