The 50th anniversary of the

ARTHUR J. SCHMITT
FELLOWSHIP PROGRAM

at Marquette University

1963 – 2013

"There was a strong sense in Arthur Schmitt of responsible stewardship with God to use his abilities and his managerial powers to fashion a better and more humane world."

Excerpt from *Quest for Leadership: The Arthur J. Schmitt Story*

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Foreword

Marquette University's gratitude to the Arthur J. Schmitt Foundation is as profound as the impact of the foundation's generous support of the Schmitt Fellowship program during the past 50 years, as well as of the academic achievements and professional contributions of our Schmitt Fellows.

- 473 Schmitt Fellowships have been granted to date, benefitting 390 doctoral students.
- 327 doctoral degrees have been awarded to Schmitt Fellows, which accounts for 13.2 percent of all doctorates granted by Marquette University.
- Approximately 60 percent of past Schmitt Fellows have worked in higher education, and 40 percent have worked in health care, research or industry.

Though impressive, the statistics are footnotes to a remarkable story that began with a man, his convictions and a wonderful relationship with Marquette. All of these have made an inestimable difference in the strength of the university's graduate program and in advancing academic excellence for the greater glory of God and a better world.

This narrative piece celebrates that story — *our* collective story as board members of the Arthur J. Schmitt Foundation, faculty or staff at Marquette University, and past or current Schmitt Fellows. As you read about these three groups, linked through a desire to discover and share knowledge, take pride in being part of a story that Marquette will forever regard as one of the most successful — and ongoing — chapters in the university's history.

Happy 50th anniversary to us all!

Acknowledgements

The Marquette University Graduate School provided data about the Schmitt Fellows, as well as historical records for developing the content in this narrative piece. The latter include *Quest for Leadership: The Arthur J. Schmitt Story* by Arthur J. Schaefer; *Milwaukee's Jesuit University: Marquette 1881-1981* by Thomas J. Jablonsky; and archived correspondence between the Schmitt Foundation and Marquette University.

Timeline

1881
Marquette College opens.

1893
Arthur J. Schmitt is born in Chicago.

1907
Marquette affiliates with a private medical college and is reincorporated as Marquette University.

1911
Schmitt invents a three-wheeled "wind machine" that reaches 50 mph.

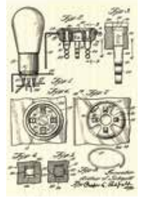
1916
Marquette awards the university's first doctoral degree.

1920s
Marquette's student body rapidly grows; facilities for the School of Dentistry and Law School are built.

1923
Schmitt co-founds a radio and electrical parts manufacturing company.

1930s
The Great Depression forces financial belt-tightening at Marquette.

1932
Schmitt files a patent for a radio socket — the first of 70 patents he and his company researchers would be issued.



Schmitt founds a company that during WWII produced 62 percent of the electrical connectors in U.S. military planes.

1941
Schmitt establishes the Arthur J. Schmitt Foundation using royalties from patents.

Schmitt purchases the Fournier Institute in Lemont, Ill., which the foundation funds as a technology school.

1943
The Fournier Institute opens, offering pre-engineering and engineering curricula.

1943
Marquette discontinues its doctoral programs.

1940s-1950s
Marquette's student body rapidly expands after WWII; the campus adds a new facility for the College of Business Administration, Memorial Library and a student union.

1955
The Fournier Institute officially closes.

Mid-1950s
Marquette, DePaul and Loyola Chicago universities and the University of Notre Dame offer enrollment to former Fournier students, whom the Schmitt Foundation subsidizes.

1957
Marquette begins re-establishing doctoral programs.

1963
The Arthur J. Schmitt Foundation establishes a scholarship program at Marquette to educate doctoral students across disciplines.

1971
Schmitt passes away.

1960s
Marquette prepares a detailed plan for expanding graduate programs.

1960s-1970s
Marquette adds facilities for chemistry, foreign languages and literature, and physics; plans for graduate programs are implemented.

1977
The Schmitt Foundation creates an endowed fund at Marquette for what is now known as the Schmitt Fellowship program.

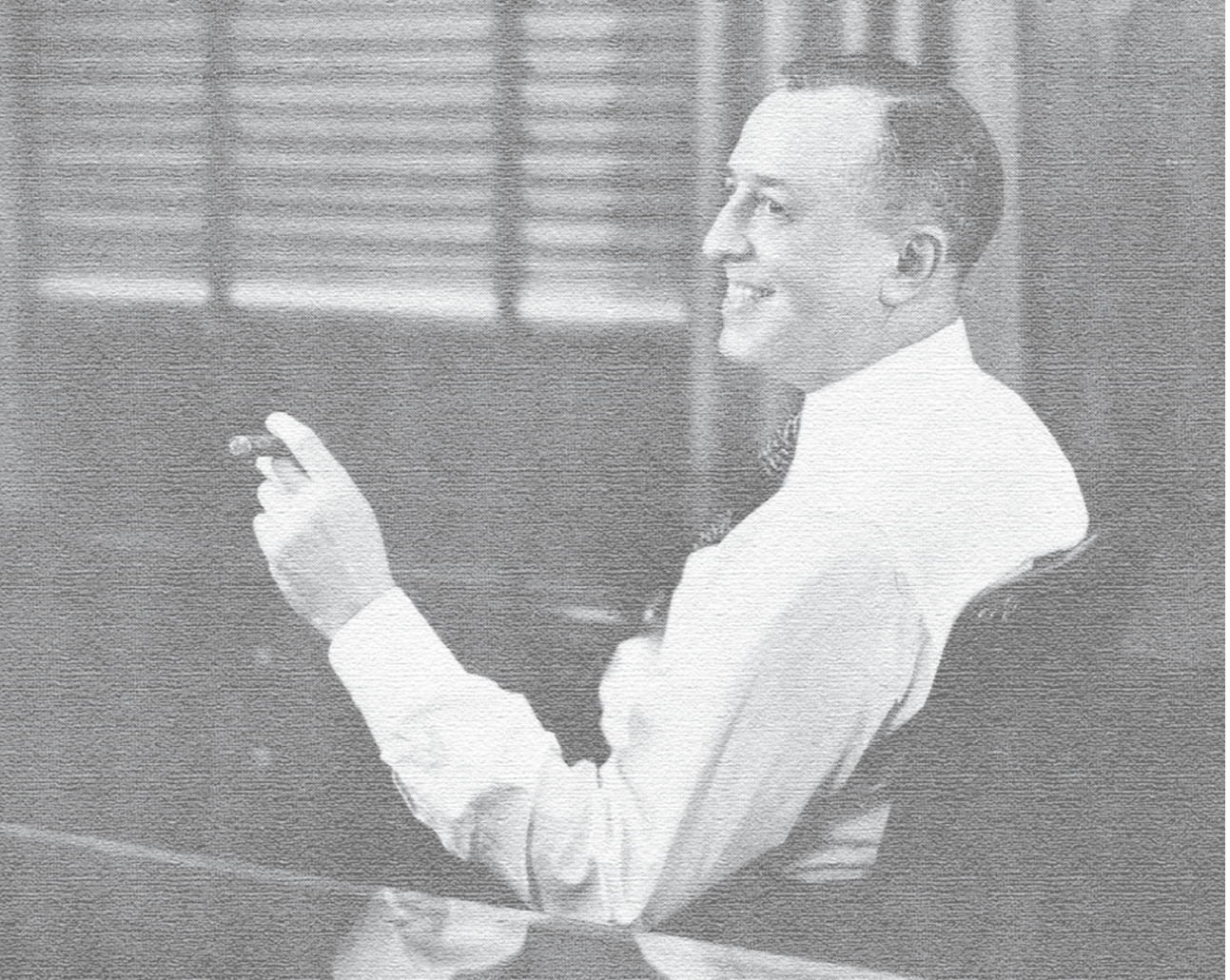
1984
The Schmitt Foundation creates an endowed fund at Marquette to support engineering excellence.

1988
Marquette commemorates the 25th anniversary of the Schmitt Fellowship program.

2009
Marquette recognizes the exceptional partnership with the Arthur J. Schmitt Foundation, bestowing the "Friend of the University Award" upon the foundation at the annual Alumni National Awards Dinner.

2013
Members of the Schmitt Foundation, Marquette community, and past and current Schmitt Fellows gather on campus to celebrate the 50th anniversary of the Schmitt Fellowship program.

2010-2011
Marquette opens Eckstein Hall, which houses the Law School, and Engineering Hall, the new home for the College of Engineering.



The Arthur J. Schmitt Foundation

"The important thing to do is to figure out a place for yourself in this world and then do something about it."

Arthur J. Schmitt, September 1947

Arthur Schmitt was a man who definitely fulfilled his credo. A child of the late Industrial Revolution, the Chicago native figured out many a place in the world to make his mark *and* a difference.

Leaving high school after only two years in 1910, Arthur quickly applied a penchant for science to succeed on several fronts. From inventor and entrepreneur, to founder of a technology school and benefactor, he was dedicated to his own intellectual pursuits and those of others — in his time and for generations to come.

Arthur was concerned about the future and saw a need for trained leadership — something that the early days of World War II made apparent. Committed to do something about it, he created the Arthur J. Schmitt Foundation in 1941. The foundation purchased a former Viatorian seminary and retirement house for priests from the Archdiocese of Chicago and established the Fournier Institute of Technology. The Fournier Institute offered pre-engineering programs designed to educate leaders in aeronautical, electrical and industrial chemical research. Recognizing that his vision would best be realized by providing doctoral-level training to engineers, Arthur closed the institute in 1955. This was a shift in focus that was destined to impact the lives of innumerable young scholars and leaders.

Arthur's consummate belief in the power of education melded with another source of strength: his Christian values. During the mid-1950s, students formerly at the Fournier Institute had the opportunity to complete their education with foundation funding at several Catholic universities in the Midwest. The benefit: to educate ethical leaders whose actions would positively impact a post-war-weary world by advancing ideals that he and these religiously based universities embraced as part of a Christian society.

Arthur's desire to make a world of difference by educating leaders at Catholic institutions subsequently has made a difference for graduate education at Marquette University, one of the universities with which he chose to create a special relationship.

Directors of the Arthur J. Schmitt Foundation

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James A. Hart

William A. Maloney

John F. Mannion

Earnest W. (Bud) Schneider

Edmund A. Stephan

*All former directors are deceased.

Marquette presidents who have participated in the Schmitt legacy

Rev. William F. Kelley, S.J.
1962–65 (deceased)

Rev. John P. Raynor, S.J.
1965–90 (deceased)

Rev. Albert J. DiUlio, S.J.
1990–96

Rev. Robert A. Wild, S.J.
1996–2011

Rev. Scott R. Pilarz, S.J.
2011–present

Marquette University and the Partnership with the Arthur J. Schmitt Foundation

The initial connection made in the mid-1950s between the Arthur J. Schmitt Foundation and Marquette University would become monumental, evolving in a way that significantly helped re-establish doctoral education at the university.

In 1963, Arthur expanded the relationship forged when the Fournier Institute was closed. Recognizing Marquette's strong commitment to Christian ideals and teaching excellence, the foundation awarded the university a $12,000 grant to educate qualified doctoral students, specifically those seeking to teach at the college level.

The timing could not have been better. Because of financial challenges stemming from the Great Depression and heightened during WWII, Marquette had discontinued all doctoral programs in 1943. The decision ended more than a quarter-century of doctoral education, during which the university awarded 56 doctorates and 71 juris doctorates.

Nearly a decade later, Marquette instructed each department with a master's program to consider the feasibility of resuming studies at the doctoral level. By 1964 — one year after the Schmitt Foundation offered its grant to Marquette — 42 students were enrolled in re-established doctoral programs in philosophy, biological sciences and theology. Sixteen of these "new-era" doctoral students had the honor of being the first recipients of the Schmitt Fellowship.

The Schmitt Foundation annually renewed support, growing a cohort of Schmitt Fellows among many of Marquette's most promising doctoral students. In 1977, the foundation initiated an endowment for the Schmitt Fellowship program at Marquette, committed to supporting generations of the university's doctoral students.

Although Arthur died in 1971, his desire to educate ethical leaders at Catholic universities endured. Along with the same universities that enrolled former Fournier Institute students during the 1950s, Marquette is one of four institutions that remains impacted through a Schmitt Fellowship endowment, which supports students in 15 of the university's 19 doctoral programs.

The relationship between the Schmitt Foundation and Marquette has since grown further. In 1984, the foundation made a new commitment to endow engineering excellence, perpetuating Arthur's legacy on campus in the field of endeavor through which he initially made his mark.

MARQUETTE UNIVERSITY
GRADUATE SCHOOL
1964–1967

The Arthur J. Schmitt Fellowship: Shaping Leaders Who Improve Our World

The Arthur J. Schmitt Fellowship program has had a major impact on Marquette's students. During the past 50 years, 473 awards have funded 390 students in 15 different doctoral programs. The number of doctorates granted to Schmitt Fellows is 327 — and growing.

The impact of Schmitt Fellows in the world is likewise remarkable because they have distinguished themselves as value-based leaders in numerous fields and through various achievements.

For example, Schmitt Fellows from Marquette have included approximately 200 teachers and 70 executive leaders and managers. Among other measures of success, Marquette Schmitt Fellows have written more than 250 books; received more than 110 patents; and been awarded approximately 180 research and student support grants. Arthur would have been especially proud of our representation within the National Academy of Engineering.

The following pages reflect the impact of the Schmitt Fellowship program across disciplines, concluding with a listing of each Arthur J. Schmitt Fellow from Marquette University.

Schmitt Fellowship Impact

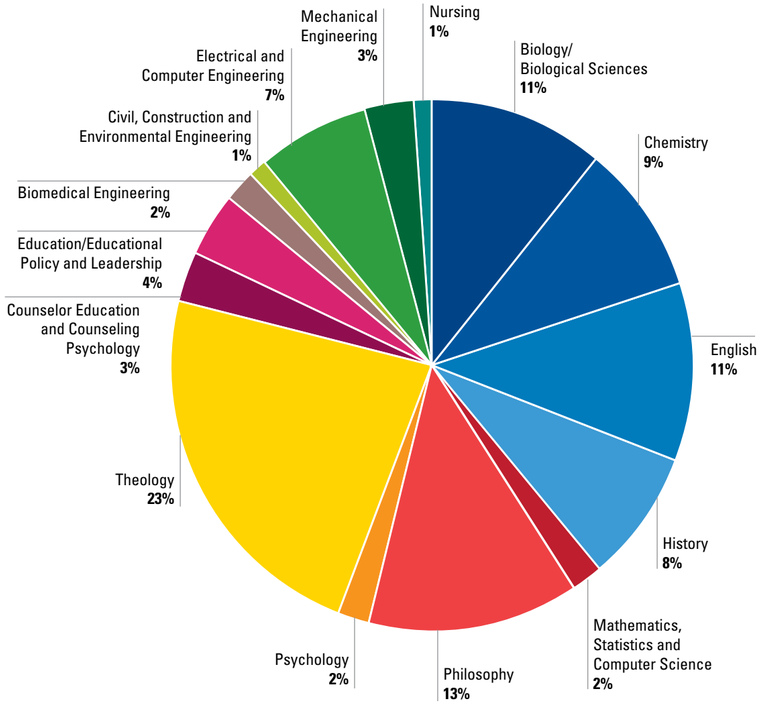
Schmitt Fellows by Program

College	Program	Number of students with awards	Number of 2nd year awards	Number of 3rd year awards	Total number of awards granted	Percentage of total awards by program	Number of Ph.D.s earned
Arts and Sciences	Biology/Biological Sciences	40	12	1	53	11%	37
Arts and Sciences	Chemistry	38	4	1	43	9%	36
Arts and Sciences	English	46	4	1	51	11%	34
Arts and Sciences	History	36	2	–	38	8%	32
Arts and Sciences	Mathematics, Statistics and Computer Science	5	2	–	7	2%	4
Arts and Sciences	Philosophy	51	11	–	62	13%	41
Arts and Sciences	Psychology	8	–	–	8	2%	6
Arts and Sciences	Theology	83	25	2	110	23%	71
Education	Counselor Education and Counseling Psychology	16	–	–	16	3%	14
Education	Education/Educational Policy and Leadership	17	1	–	18	4%	14
Engineering	Biomedical Engineering	10	1	–	11	2%	7
Engineering	Civil, Construction and Environmental Engineering	6	–	–	6	1%	4
Engineering	Electrical and Computer Engineering	21	10	2	33	7%	17
Engineering	Mechanical Engineering	11	3	–	14	3%	9
Nursing	Nursing	2	1	–	3	1%	1
Totals		**390**	**76**	**7**	**473**	**100%**	**327**

Schmitt Fellowships awarded
1963 to 2013

Number of Fellows: 390
Number of 2nd year awards: 76
Number of 3rd year awards: 7
Total number of awards granted: 473

Schmitt Fellowships awarded by program
1963 to 2013



The Arthur J. Schmitt Fellowship at Marquette University 50th Anniversary

"The most necessary thing ... is leadership."

Arthur J. Schmitt, March 1946