



TOOLS & TECHNOLOGY

Spring 2018

196 Main Street - PO Box 679 - Windsor VT 05089 - 802-674-5781 - www.americanprecision.org - @PrecisionMuseum

Education is the Priority at APM

New Programs at APM

This season, beginning on May 26th, APM will be launching new educational programs and a speaker series.

We began these efforts in February with a very successful event called “**Introduce a Girl to Engineering Day**”, pictured below and to the right. Eight professional women engineers from several fields of engineering met with, presented to, and inspired a crowd of 50 girls of all ages, (and a man or two). The museum lobby was packed!

Here are some of the things we will be offering in 2018:

- New education and interpretive programs to be led by volunteers and docents. Three excited Windsor High School students will begin training to operate, interpret, and develop educational programs for the machines in the working machine shop now renamed the Innovation Station.



- Increased efforts to engage the next generation by enticing and inviting more school clubs and robotics teams to participate in the annual Model Engineer and Family Maker Space Show.



- More hands-on, guided and self-guided programs in a wide variety of Science, Technology, Engineering, Arts and Math (STEAM) activities as well as robotics and coding workshops.

(See more details on our new programs, and the sustainability speakers series on the center 4 pages of this newsletter.)

APM Collections Go Online

This is an exciting development for the museum. So far, we have uploaded about 100 records with images to the online platform affiliated with our collections management software. Go to <http://americanprecision.pastperfectonline.com>, or go through the link on the collections page at our website. You can view random images, or search by keyword. There are three catalogues, and almost everything we've uploaded so far is in the Objects catalog. The information provided is very basic, but it's a start.

We will be adding more Objects, and planning new uploads in the Archives and Photos catalogs as time allows. Viewers can contact the museum from each record to request more information. Do some searching and tell us what you think.

New Date Set for APM's Model Engineering Show & Family Maker Space

In an effort to reach more people, and engage a wide variety of modelers and makers, APM is moving our signature event to Saturday, August 18th, 2018. The 19th annual event will be held at two locations, the museum, and the Windsor Recreation Center within walking distance of the museum. Robotics Teams



in a "Robotics Riot", modelers with air powered machines, boats, and a host of other displays and demonstrations are all part of this day long event for the entire family. One admission charge covers both locations. 9AM-4PM on the 18th.

In this edition...

Honor Roll of Donors
Corporate Members
Exhibits and Events
Message from the
Director and more.

Message from the Executive Director - Ann Lawless



Dear members, supporters, friends, and colleagues,

This is a bittersweet time, as I announce my retirement. When I began my new job as APM Executive Director in March 2003, there was so much to do, it was overwhelming! Lucky for me, I was hired by an exceptional team of Trustee leaders, and they had prepared the way before I came. I still appreciate the honor of working with such talented people - Doug Loudon, Rick Roesch, Clark Griffiths, and Eric Gilbertson. It is gratifying that they are all still committed to and involved in the museum's work.

"I have loved every minute of my time at American Precision Museum."

Working with many more exceptional Trustees over the years, we continued to sort out priorities, and move the museum forward in many directions. As a small museum with a small staff, we focused on a couple of priorities at a time, and we made significant

progress on building preservation, collections management, exhibits and education. It has been a pleasure to work with talented and dedicated staff members over the years who have all improved our museum. Our members and supporters are the engine that drives us forward, and it has been very rewarding to get to know so many knowledgeable and generous people. I am proud of what we accomplished together.

Our Search Committee is working hard to find the best new leader. Our timing could not be better. New programs are all in place for the 2018 season, so our new leader has time to learn the ropes. Our financial position is strong, and the goals in our new 2017 Transformation Plan are being set in motion. There are plenty of really compelling projects just waiting for leadership. The details of the transition are in progress. I plan to do all I can to ensure that my successor gets off to a strong start.

After a good break to enjoy the seasons in my garden and more time with friends and family, I plan to explore new part time work opportunities. I invite you to stay in touch!

Thank you for your support of American Precision Museum.

Our Mission: To capture the imaginations of young and old with the spirit of innovation, problem solving, and design demonstrated through the dynamic story of the machines and people which form the foundation and future of the manufacturing industry in America.

Board of Trustees

Chair

Steve Dalessio
Drewsville NH

Vice Chair

Eric Gilbertson
Montpelier VT

Treasurer-Secretary

Bill Lynn
West Lebanon NH

John Dumville
Royalton VT

Greg Jones
McLean VA

Martha Langill
Enfield NH

Lee Morris
Windsor CT

Larry Schwartz
Clear Spring MD

Staff

John Alexander
Museum Technician

Scott Davison
Education Director

Frank Hoffman
Director of Development

Ann Lawless
Executive Director

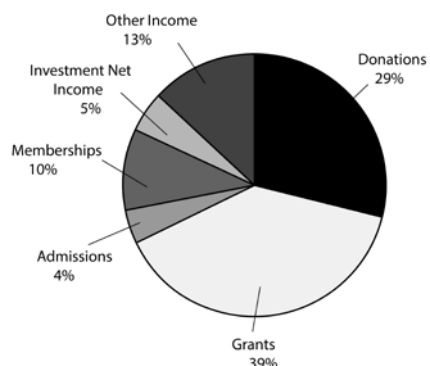
Kathy Marsh
Bookkeeper

Lisa Yordy
Visitor Services Manager

Financial Information

The charts below reflect Revenues and Expenses for APM's fiscal year 2017, May 1, 2016 through April 30, 2017. The condensed balance sheet is available as a PDF from the APM website's home page.

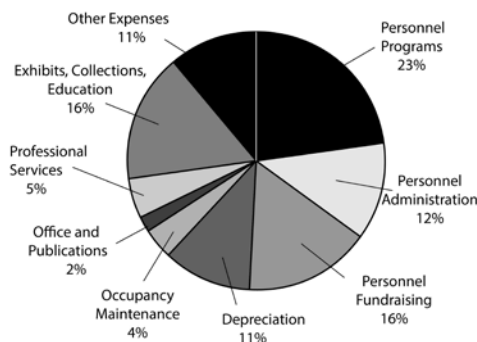
REVENUES



Revenues - Fiscal Year 2017

Donations	\$153,769	29%
Grants	\$209,297	39%
Admissions	\$22,286	4%
Memberships	\$51,190	10%
Investment Net Income	\$27,148	5%
Other Income	\$70,678	5%
Total	\$534,368	100%

EXPENSES



Expenses - Fiscal Year 2017

Personnel - Programs	\$114,655	23%
Personnel - Administration	\$62,685	12%
Personnel - Fundraising	\$80,247	16%
Depreciation	\$55,943	11%
Occupancy, maintenance	\$19,962	4%
Office and Publications	\$12,466	2%
Professional Services	\$24,633	5%
Exhibits, Collections, Education	\$79,925	16%
Other Expenses	\$55,876	11%
Total	\$506,422	100%

Message from the Chair of the Board - Steve Dalessio

Thanks to our loyal membership and their generous donations, the museum anticipates realizing our vision of telling the story of how the American System of Manufacturing connects to modern day manufacturing. This is an exciting time for the museum and its dedicated staff.

Last summer visitors to the museum saw our working machine shop expand to include hands on activities, and equipment demonstrations thanks to Vermont Technical College as well as many informative lectures. Our education offerings included a Junior Apprentice Program that provided the opportunity for children to learn about manufacturing while having fun.

Your support of our education program has been amazing giving the 2018 – 2019 season a great start with new STEM focused programs, more hands-on activities and a lecture series on Sustainability in Manufacturing. Take a look at the 4 middle pages of this newsletter for detailed descriptions of programs and events coming this season. Currently, the lobby area is being renovated to provide more

space for programming and to make the area easier to heat and cool. This is a big undertaking and we look forward to the completion of this phase of our overall plans.

As we move forward with our plans there will be challenges and opportunities. I urge members not only to continue to donate financially, but also consider volunteering your time and expertise to the various boards and committees. They say many hands make light work and the museum is no exception.

I want to also acknowledge the 14 years of dedicated service of our current Executive Director, Ann Lawless. She has helped move APM forward in so many ways. I wish her well, and I wish long time Trustee, Eric Gilbertson well in all his pursuits.

I hope you will share in my excitement for this season and have an opportunity to visit the museum. There will be something for everyone!

Make Your Mark on APM's Future

Join The Mill Brook Society

This is the legacy society of the American Precision Museum, named after the brook that runs adjacent to the museum. Mill Brook was the source of power used in the Robbins & Lawrence building when first constructed and is part of the enduring history of the museum. To be a member of this society, simply inform the museum that you have placed APM in your will, or have chosen another way to leave a legacy gift for the museum. You will be recognized in our museum welcome center, and in our annual *Tools & Technology* publication.

Would you like to ensure that APM will be here for future generations to enjoy? You can do that with a legacy gift. The most common planned gift is a charitable bequest, naming the museum as a beneficiary in your will. Is the museum already in your estate plans? If so, please let us know and your name will be added to our Mill Brook Society.

There are many ways to make a legacy gift to the museum: Cash, securities, life insurance, personal property, real estate, retirement plans and rollover IRAs, or annuities. Our partner, The Vermont Community Foundation, can handle all of the details in a confidential, professional way. Please call the museum at 802-674-5781 to discuss the Mill Brook Society with a member of our staff.



arts.gov/bluestarmuseums

From Memorial Day to Labor Day we offer free admission to all active duty National Guard and Reserve military personnel and up to five family members.

Museum Store Expands

APM is proud to announce our expanded shopping experience! Come in and browse our book section for fascinating historical, trade and youth publications. Also available are STEM games and toys. Show your love of machining with our APM t-shirts, aprons and bags. The

museum store is open 7 days a week and some items are available online.

The museum store is one of the best ways to financially support your favorite cultural institution.

Lisa Yordy,
Visitor Services
Manager and
Museum Store

maven gets ready for the new season with an armful of new items for sale in the museum and online.



Did you know that in 2017....?

- **4,631 people visited the museum**
- **297 people attended our Model Engineering Show and Maker Space**
- **45 special tours and events**
- **29 new donors contributed**
- **23 new individual members joined**
- **5 new corporate members joined**



Can you help identify this photo of a past exhibit?

Corporate Members

In the 1840s, Robbins & Lawrence created a center of excellence in hand-crafted gunsmithing and precision milling. Their work set the stage for future manufacturing around the world. Their business model included apprenticeship, sharing of skills across firms, and investment in innovation. Our corporate members listed below carry on these deep traditions.

If you are interested in becoming a corporate member please call the museum at 802-674-5781. Special thanks to Trustee Larry Schwartz and Volunteer Tom Dembik for their help in recruiting new corporate members.
(See last page of this newsletter).

Leader (\$10,000 or more)



GeneHaas



Benefactor (\$5,000)



INDEX

TRAUB



Associate (\$2,500)



Contributor (\$1,000)



Participant (\$500)



Machine Shop Participant (\$250)



Programs and Exhibits 2018

New Daily & Weekly Programs at the Museum

**SAVE
THIS
SECTION**

MAKER MONDAY



Join us on the **FIRST MONDAY** of every month from June through October for makerspace fun. From simple cardboard marble mazes to K'nex machines, to building your own telegraph switch. A limited number of basic tools available. Come and experience the joy of making!

FEE: Free with admission

TIME: 10:00am to Noon

TINKER TUESDAY

On the **SECOND TUESDAY** of every month from June through October.

The dictionary offers the following definitions of tinker:

- tinkering play
- to work in the manner of a tinker; especially: to repair, adjust, or work with something in an unskilled or experimental manner
- to repair, adjust, or experiment with

Bring some small item to take apart and see how it works. We will have a limited supply of objects to tinker with.

FEE: Free with admission

TIME: 10:00am to Noon



WONDER WEDNESDAY

On the **THIRD WEDNESDAY** of every month from June through October.

Have you ever wondered:

- how something is made?
- if you could make something?
- why some buildings fall down in an earthquake and others don't?
- about anything?

In this day of experimenting and making and wondering, enjoy the fun of learning while we pull out all the stops to find answers to those wondering questions. This program may include simple machines, building electronic circuits, figuring out how a magnet works, learning basic coding through games or even creating your own comic book or graphic novel.

FEE: Free with admission

TIME: 10:00am to Noon

Admission

Members free

Adults	\$8
Students	\$5
Kids under 6	free
Family	\$20

Special Group Rates

Call for details

802-674-5781

Hours

Open daily

10:00 am - 5:00 pm

Memorial Day weekend
through October.

2018 DAILY PROGRAMS

JUNIOR APPRENTICE PROGRAM

Children between the ages of 8-12 accompanied by parents may visit the museum any day and complete the Junior Apprentice booklet filled with tasks and activities to learn about the museum and its history.

Those who complete the booklet will receive a badge made in our 3D printer and a certificate. Once you are a Junior Apprentice you qualify to join our Saturday Young Apprentice Club. (See below).

FEE: Free with admission



SPECIAL WEEKEND YOUTH PROGRAM

YOUNG APPRENTICE CLUB

EVERY OTHER SATURDAY from June 2 through October 20

Junior Apprentices may join our Saturday Young Apprentice Club that includes a wide variety of more advanced guided activities, which may include: beginning coding, basic robotics, 3D design and printing, and many more activities to challenge the maker mind. Young Apprentices who complete special projects may present them on August 18th during our Model Engineer and Maker Space Show.

Reservations suggested. Space is limited so please call ahead to save your space.

Some programs may be subject to materials and instructor fees.

Call for more information.

DATES for the YOUNG APPRENTICE CLUB meetings:

June	2nd and 16th and 30th
July	14th and 28th
August	11th and 25th
September	8th and 22nd
October	6th and 20th

SPECIAL ADULT AND PUBLIC PROGRAMS

19th ANNUAL MODEL ENGINEERING SHOW & FAMILY MAKER SPACE

August 18th - 9am - 4pm

At the Windsor Recreation Center (Union Street at Town Hall) and the museum. This is the signature event of the American Precision Museum for the year.

The Model Engineering Show provides visitors the chance to see the work of some of New England's finest model engineers and machinists, along with engaging demonstrations highlighting the most intricate of machining skills from the past, present, and future. See models built by hand and powered by air pressure, with many maker tables where young and old can create, learn, and experiment. The single admission price covers entry to both locations.

\$10 Adults

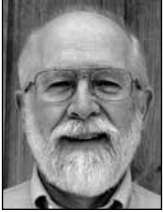
\$5 Children



Junior Apprentice Children accompanied by Parents are FREE if their badge is worn to the event.

SUSTAINABILITY SPEAKERS SERIES

This year, for the first time, we have a guiding topic and theme statement for this series of seven lectures. Topic: Innovation in Manufacturing for a Sustainable Economy and Environment. The speaker series are scheduled for Sundays, all at 12:30pm with one exception on July 22.



June 3 at 12:30pm

Scott Davison, MS

Director of Education

American Precision Museum

*Manufacturing, Consumers, and the Environment:
A Facilitated Dialogue*

In this first Sustainability Series presentation, museum Education Director Scott Davison will facilitate an interactive dialogue to uncover and explore our personal, economic and environmental relationships with modern manufacturing. The public is encouraged to attend and share experiences, opinions, and ideas.



June 17 at 12:30pm

Dr. Marie Duggan

Professor of Economics

Keene State College

*Precision Independents: Growth in the
Challenging 21st Century*

Dr. Duggan discusses Keene's successful precision manufacturing cluster, consisting of small firms that have seen growth since 2000. Her work touches on social issues including wages, labor, unions, community investment, size and character of manufacturing companies and their impact on rural versus urban communities.



July 8 at 12:30pm

Andrew Dey

Operations Director, Unity Homes

Precision Manufacturing Builds Better Homes

Mr. Dey's presentation will focus on Unity Homes' off-site manufacturing methods

used to build sustainable, high-performance homes, tracing the company's strategies and processes over the past 40 years.



July 22 at 2:30pm

Dr. Benoit Cushman-Roisin

Professor, Thayer School of Engineering,
Dartmouth College

*Design for Environment and Green
Manufacturing*

Recognition of environmental limits has led industry to move gradually toward sustainability. Today, this is most manifest in sustainable product design and green manufacturing. This presentation reviews a number of examples, illustrating how industry moved from picking "low hanging fruits" to embracing the main challenges.



August 5 at 12:30pm

Dr. Robert Forrant

Distinguished University Professor

University of Massachusetts, Lowell

*The Rise, Demise, and Possible Rebirth of the
Connecticut River Valley Industrial Corridor*

Through an examination of the history of innovation and sustainable development in Worcester and in cities and towns along the Connecticut River from Springfield, MA to Springfield, VT, Dr. Forrant will describe how these places developed enterprises that offered workers decent wages and an opportunity to support their families. How did this happen? And, more importantly what took place after the Second World War, which interrupted this virtuous circle of sustained and reasonably share prosperity?



August 26 at 12:30pm

Dr. Jeremy Faludi

Professor, Thayer School of Engineering,

Dartmouth College

*Sustainability of 3D Printing: Myths, Facts,
and Possibilities*

3D printing is beginning to revolutionize manufacturing—will it be for the better? The sustainability of 3D printing is the subject of much hype; some claims are empirically supported, others are not. To help separate fact from fiction, multiple studies were performed using life-cycle assessment to quantify the environmental impacts. The talk will summarize these results to describe 3D printing's promise for the future.



September 9 at 12:30pm

Bob Flint

Executive Director, Springfield Regional
Development Corporation

*Economic Development for Industrial
Buildings*

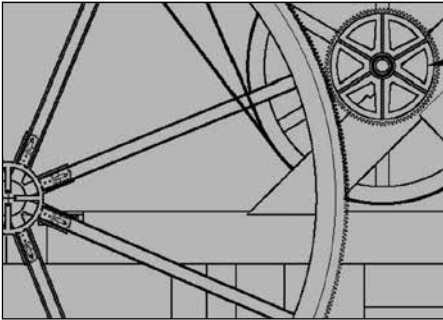
Bob Flint heads our regional economic development agency. SRDC works on a contract basis with the town of Windsor, which has several new and thriving industrial and retail sites, as well as challenging former industrial properties.



EXHIBITS

Waterwheel and Millwork

Drawings explain how a massive waterwheel in the basement of this brick factory building diverted water from the Mill Brook to power machines using a complex systems of gears, shafts, and pulleys.



Shaping America

From the tool revolution of the 1800s to advanced manufacturing today, technical innovation has shaped who we are and how we live.

The Tool Revolution describes how ingenious mechanics in the 1840s forged an industrial America by creating one of the best gun-making operations in the world in Windsor.

Arming the Union

This site played a critical role in outfitting the Union Army during the Civil War. Learn how the precision tool industry served as the backbone of American industrial and military power.

Shaping Consumer Culture

In the years following the Civil War, the tools of armory practice were put to work making consumer goods that required more accuracy.

Industrial Might

Machine tools served as the backbone of American industry used to build automobiles, airplanes, and a vast selection of consumer products.



Student interns work various machines in the Working Machine Shop, approximately July 3 - August 18. Call for details.

SPECIAL EVENTS

Sustainability Speaker Series

Sundays at 12:30 PM

June 3 through September 9

(See full schedule on Programs and Exhibits. July 22nd presentation begins at 2:30pm).

Saturday, August 18

9:00 am – 4:00 pm

19th Model Engineering Show & Family Maker Space

Windsor Recreation Center and the museum

Admission to both:

\$10 for adults

\$5 for students

Visit with New England's finest model engineers, attend workshops and watch live demonstrations. Admission to this special event is not part of our membership benefits.

Saturday, September 22

Behind the Scenes Tours at 2pm and 3pm

Reservations required, 12 per tour, \$10 ea. Call or sign up on website. Associate Members Level and up can attend FREE with their membership. Call for details.



Saturday, September 22

10:00 am – 5:00 pm

Smithsonian Magazine

Museum Day

Free admission at participating museums all across the country with the Smithsonian Day pass, obtainable online or in the Smithsonian magazine.



Friday, October 5

5-8 pm

Girl's Night Out

Celebrating Manufacturing Day.

Introduce a Girl to Engineering at the museum Open House with speakers, demonstrations, and fun!

Sunday, October 14

Behind the Scenes Tours at

12:30pm and 1:30pm

Reservations required, 12 per tour, \$10 ea. Call or sign up on website.



2017 Report on Giving

Thank you to our many contributors who support the museum. Every gift we receive is important.

The gifts listed here were received between January 1, 2017 and December 31, 2017. Your contributions come in many ways – membership, annual fund, special purpose gifts, gifts in-kind, and those made in honor of or in memory of a loved one. We also thank our volunteers who give time and talent to the museum's operations, events, the Board of Trustees, and working committees.

We received 244 gifts to the Annual Fund and 306 members joined or renewed. We welcomed 5 new corporate members and 14 corporate members renewed. **If a donor is also a member, one of these membership abbreviations will follow his/her name: LM - Life Member; SM - Steward; PM - Patron; AM - Associate; FM - Family; and IM - Individual.** Please let us know if we have made any errors in our listing of our donors and members.

ANNUAL FUND GIFTS

Robbins & Lawrence Society

(\$2,500 and up)

Farley Family Charitable Foundation
Robert Van Etten Jacobs
Doug and Jean Loudon - LM
Morris Group, Inc.
Old Stones Foundation
Jane Osgood and Ted Hilles
Rick and Linda Roesch - LM
Margaret and Eric Rothchild - LM
Merritt Roe Smith-AM

Innovators Society

(\$1,000-\$2,499)

Bryant Chucking Grinder Charitable Foundation
Cone Automatic Machine Co. Charitable Foundation
John K. Grady
Michael and Sally Newbold - LM
Camiel and Anne Marie Thorrez - LM

Precision Valley Society

(\$500-\$999)

Steve Dalessio - FM
Thomas and Mary Louise Dembik - SM
Clark and Happy Griffiths - LM
James N. Heald II-LM
Joseph and Patricia Jablonowski

Charles Leni - IM
Bill Lynn - IM
Chris Michaud
Alex and Debra Slocum
Symquest Technology
The Seymour and Shirley Lehrer Foundation

Edwin Battison Society

(\$250-\$499)

Liora Alschuler
Jay Boeri
Christopher Costa
Rolf Diamant and Nora Mitchell - FM
Eric and Clara Gilbertson - FM
Shirley Grainger-Inselburg - FM
Karl Gurcke - SM
Ralph and Barbara Hegman
Thomas H. Hughes - IM
Richard A. Johnston - AM
Richard and Nancy Pitkin - PM
Michael and Kathryn Protenic - PM
Bernard Roselli - PM
Gene Seidler - AM
Mark and Patience Sandrof
Larry G. Schwartz - PM
Mark Sharnoff
Kirk D. Stackhouse - PM
Earl C. Stubbs

The 1966 Society

(\$100-\$249)

Anonymous
John S. Bainbridge Jr.
Denis Bassett - IM
Edward and Judith Becker - AM

Arthur Beutler
Donald Brehm - FM
Michael and Pamela Brown
T. Jack Carpenter
Gene and Judy Cesari - AM
Edmond and Anne Cooley - AM
Russell Craig
Dennis and Anne Cross - AM
Jere and Elena Daniell
Jerome B. Doolittle - IM
John Dumville - IM
Robert and Beth Finucane
William and Nancie Fosdick
Mark Elrod and Judith Foulke - AM
James and Donna-Belle Garvin - FM
Jonathan and Stacey Glastris
Frank and Christine Hoffman
Robert and Lois Holter - AM
Greg Kaufman - AM
Francis and Pattrawadi Kennedy
Ken Kranzusch
Ann Lawless
Bill and Mary Ann Lewis - PM
David S. Lindquist - AM
Nelson J. Lock - FM
Mr. and Mrs. Robert McAllister
David C. McClary - IM
Wayne McCutcheon - FM
James L. McRae
James A. Monk - AM
Miles and Pat Mushlin
John C. Ohaus - AM
John and Barbara Osborn
David and Mary Otto - AM
David Podell
Gordon and Patricia Richardson - AM
Seidler Tool Company - AM

Ralph H. Shepard - IM
Gary and Sigrid Sihler - AM
Allan and Karen Smith
Ernie Smith
Donna Sweaney and Bill Ballantyne - AM
Peter and Suzanne Teale
Derek Trelstad
Peter Wenk
Jeffrey White and Jill Spencer-White - AM
Richard and Sheila White - SM
Don Whitney - PM
Jack and Clarice Willis

Friends

(\$1 - \$99)

David Barber
Frank Bequaert
Iris M. Berezin - IM
William Beute - IM
William and Margery Blockley
Gael G. Boardman
Joanna Bodenweber and Geoffry Fried - FM
Bruce and Elsie Brenner - IM
James T. Brenner
Alan and Nancy Bugbee - IM
Sarah F. Carter - IM
Robert and Susan Charles III - FM
Robert Chave
Carolyn A. Coker
Robert and Barbara Coleberd - AM
Damien Connolly
William and Kathleen Corley
Richard and Mary Corrigan
Pama Dangelo
Christopher and Angela Evans - FM
Joseph Gresser

Jonathan Hall - FM
 Thomas Hammond - FM
 Richard Hoertel - FM
 Frank and Joyce Homan - FM
 Alan and Barbara
 Huffman - AM
 Wilhelm Huxhold - IM
 Craig Jennings
 Marvin and Jean
 Johnson - FM
 Ed and Cynthia Kercher
 James H. H. Lampert
 Martha Langill - IM
 J. W. and Coral Lozier
 Steve Lubar
 Joseph W. Martin III - FM
 Ronald Melvin
 Glenn and Barbara Meurer
 Miriam and Mitchell Brodsky
 Ronald and Laura Mitchell
 Bruce Moseley - IM
 John and Sharon
 Muendel - FM
 Grigg Mullen
 Museum of Our Industrial
 Heritage - AM
 Barbara and Frederick Naef
 Donald J. Neely
 David Noyes - IM
 Rudy Parhaniemi - FM
 George Petry
 Willis L. Platt - IM
 Thomas and Barbara Putnam
 Chuck Raspa
 Michael Read - FM
 William and Ellen
 Rewinski - AM
 John and Georgeanne Roe
 Richard Sabol
 Mark Sandefur - IM
 Jo Shields Sherman
 Edward Smith - IM
 Sandra-Leigh Sprecker - AM
 Jay Stryker - AM
 John and Nida Tansey - AM
 William Tansey
 Thomas Tate - IM
 Pete Thomas - IM
 David and Patricia
 Toland - IM
 Barbara M. Walker - AM

Mike and Rosemary Whitney
 Ann C. Wing - IM
 Adrian Wolverton
 Alan and Beverly Young - IM

SPECIAL GIFTS

Jack and Dorothy Byrne
 Foundation
 Couch Family Foundation
 Steve Dalessio
 Alma Gibbs Donchian
 Foundation
 Hypertherm Hope
 Foundation
 Thomas and Barbara Putnam
 Rotary Club of White
 River Junction
 The Forster Family
 Foundation

GIFTS IN-KIND

David Barber
 Blood's Catering
 Steve Dalessio
 Edgar Grallert
 Hypertherm
 Reyer Jaarsma
 Rob Kurcoba
 Methods Machine Tools Inc.
 Tyler, Simms, & St. Sauveur
 Yarde Metals

IN HONOR OF

Lloyd Davis
 Vermont Automobile
 Enthusiasts
Eric Gilbertson
 Bill Polk
Sally and Roger Holmes
 Jay Holmes

IN MEMORY OF

Michele Aldrich
 Mark Aldrich - SM
John Aschauer & Hilda Kelsay
 Claudia Gabriel
Robert Brown
 Jean and Richard Brown
Charles Carter
 Ruth Carter
Thomas Hallenbeck
 David Hallenbeck and
 Marie Fancesca
Charles Hunt
 Ed and Glenna Cigallio
Sean Kersey
 Rick and Linda Roesch
Fay Kingsbury
 Nathaniel and Helen Tyler
Hugh Kirkpatrick of
Williamstown, MA, a friend
of Ed Battison
 Sheafe Satterthwaite
Bob and Dot Morris
 Tony and Susan Morris
Robert Oberkotter
 Maureen Murphy
Robert W. Powalka
 Richard Powalka
Gerhard G. Spielmann
 John and Carmen Arasi
 Louis Arasi
 Catherine J. Burch
 Richard and Charlotte
 Coronato
 Patricia Rittenhouse
 Lewis and Mary Ann
 Savarese
 Mary Anne Wetzel
R. L. "Larry" Wilson
 Richard C. Rattenbury

INDIVIDUAL MEMBERS

Steward

(\$500)
 Robert Forrant
 Gustave Mueller
 Bruce S. Nicholas

Patron

(\$250)
 Kimbal and Sandra Bergstrom

Coastal Safety LLC
 Ernest and Shelah Gaudet
 Glenn Hopkins
 Glenn Littledale and Lyssa
 Papazian
 David Russell
 Ronald K. Smeltzer
 Larry Vanice
 Westminster Tool, Inc.

Associate

(\$100)
 Robert and Esther Allen
 Howard and Mary Andrews
 Joe and Michelle Bartolick
 Paul and Jesse
 Beber-Vanzo
 Franklin and Betsy
 Bechdolt
 Roger Bradford and
 Martha Stanton
 Shawn and Stephanie
 Buckley
 James and Alice Carlson
 James and Mary Cudlip
 Dennis Daugherty
 David DeGhetto
 Richard and Mary
 Everett
 Silas Felton
 Mason Ferry
 Edward and Benita
 Goldman
 R. Avery and Andrea
 Hall
 Robert and Valerie Hall
 Robert Hummel
 Peter and Martha
 Hurley
 Larry and Josette Jones
 Thomas Kearns
 Verna M. Kloos
 Webster and Debra
 Kohlhase
 Ronald and Anita
 Krauth
 Cliff LaBounty
 Bob and Vera Lake
 Don and Surry Latham
 Thomas O' Leary
 John and Cathy
 Mandell
 Jeff and Connie May
 D. Bruce Montgomery
 Jeffrey and Patricia
 Myers-Hayer
 E. Burr Nash

Thank you to all our donors,
 members, and
 volunteers.

Nancy Nash-Cummings
and Richard Cummings
Brett Nolte
James R. Payne
Daniel Perry
Ed and Pam Piper
John H. Rohlfs
Michael Schaefer
Timothy and Nancy
Schafer
Lawrence H. Schultz
John Snarski Jr.
Mark B. Sorensen
Martin Sornborger
Augustus Stager III
Geoffrey Stewart
Byron Stutzman
David and Mary
Talbott
Pieter and Barbara
van Schaik
Sherman and Kathleen
Walton
Paul Wardwell
Steven Wenk
Simon Winchester and
Setsuko Sato
John and Ruth Wyman

Family

(\$55)
Gwen Ames and Peter
Crowell
Ken and Joyce Baldwin
Philip and Mary Bell
Grant and Susan Benson
Robert Bernstein
Eric Butler
Frank and Beryle Carey
Gary Course
Peter DeRose
Don and Susan Foster
Harold J. Frost
Kris Garnjost
Robert and Teresa
Geddes
Steve Giroux
Kathaleen and Charles
Giurtino
Tom and Jennifer Hale
Judy Boucher and James
Hamilton
Emmons and Nora
Hathaway
F. Leo and Susan
Hickey
Charles and Louise
Horsken

Steve and Barbara Jenne
Justin and Sarah
Johnson
W. Thomas Johnson
Robert and Susan
Kancir
Albert Kandarian
John Kauer and Barbara
Talamo
Diane Kemble
Bob Kovach
Thomas and Nancy
Lowry
Bruce and Patricia
Magnell
Carol Martin
Hoyt Masterton
Wayne McCutcheon
Robert and Alice
McGinnis
J. Cheston and Ann
Newbold
Gary and Nancy Olney
James and Krishna
Pennino
David and Mary
Pommert
Richard Powalka
John and Martha Robb
Karl and Joan Ruger
Harvey and Susan Sachs
Jim and Iris Sindelar
David Smith
T. Michael Speidel
Jim Steiner
Steven and Arline
Stocking
Kris Strohhahn
Steven Swenson
Robert and Darlene
Tregaskis
Edmund and Ann
Tremblay
A. David Wunsch
Herbert and Wendy
Yohe
Roger and Amy Young

Individual

(\$35)
Tony Ashby
Bailey Howe Library
UVM
H. J. and Elaine Barth
Gail M. Barton
Donald Bierly
H. G. Brack
Stephen Brown

Ronnie Clapp
Lloyd Davis
Douglas and Kiyo
Dawson
Wallace Day
Kenneth Demont
Vincent DeMore
Philip DeWitt
Michael Dudley
Gary P. Francke
Todd L. Friberg
Ronald and Phyllis
Gagne
Michael Gallagher
Robert and Diane
Gardner
Anna Grallert
Helen Greathouse
David Hanes
Michael Harnett
Michael Helms
Ruth Hewett
Keith Hezmahlhalch
Tom A. Hull
Dan Keebler
Ross Kinney
Richard and Jane
Kremer
Andrew Krivenko
John and Judith Ladd
Brad Lawrence
Bill and Barbara
Lemieux
Larry Magee
Steve McCalmont
Richard Meyer
John Ordyk
Steve Petraitis
Purdue University
Library
Herschel and Andrea
Rabitz
John Rochelle
George Rogers
Howard De Rosa
Scott and Lois Rossiter
Asher Schlusberg
Patrick Sheary
Stanley Shire
Byron Skinner
John Sorge
Sheldon Stokes
Elisabeth B. Sturges
Joshua Sussen-Soechting
Jamie and Mary Swan
Rae Tober
University of Delaware,
Morris Library

Ulrike Wegst
Michael Williams

Life Members

Suzanne Richardson
Daniels
J. Douglas Graham
Clark Griffiths
James Heald
Charles Hutchins
Richard Kuba
Douglas Loudon
Michael Newbold
Alfred Purcell Jr.
Frederick Roesch
Margaret Rothchild
Alden Sherman
Jane Sherman
Camiel Thorrez
Jeoffrey Thorrez
H. R. Thorrez
E. Hub Yonkers

Volunteers

Dan Batchelder
Lakota Blaisdell
Steven Bly
Michael Boivin
Thomas A. Dembik
Katie Epstein
Kris Garnjost
Shirley Grainger-Inselburg
Joseph Gresser
Bill McCarthy
Tom McCune
Vincent Moeykens
Gaylord Newcity
Andrew Nickerson
Wallace Osgood
Emma Saucier
Michael P. Schaefer
David V. Shaw
Colt Stewart
Gail Thorburn
Eric Townsend
Clayton Washburn
Donald Whitney
Steve Wright
Herbert C. Yohe
Gregory Young

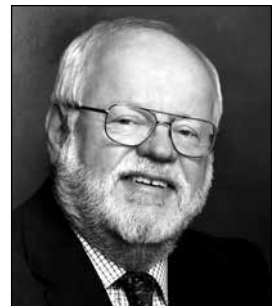
18TH MODEL ENGINEERING SHOW & MAKER SPACE SPONSORS

Blood's Catering
Cota & Cota
Distinctly Windsor/
Windsor
Improvement
Corporation
Mascoma Savings Bank
Jane Osgood and
Ted Hilles
Snapdragon Inn
Sugarbush Florist
The Point
Vermont Tech
Windsor Mansion Inn
Windsor Wine &
Spirits

Special Thanks to Vol-
unteer Tom Dembik &
Trustee Larry Schwartz
for their work on a
new outreach initiative
to find new corporate
members. They have ap-
proached many corpo-
rations in Connecticut.
Their work is much
appreciated.



Larry Schwartz



Tom Dembik