



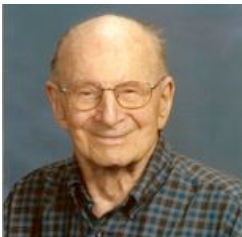
Michigan State **F o r e s t e r**

NEWS FROM THE DEPARTMENT OF FORESTRY

SUMMER 2009



The sugarhouse at MSU's Kellogg Experimental Forest in full "boil" during the spring maple sap run.



Remembering Vic, p. 2



Alumni news, p. 4-8



Faculty/staff notes, p. 11-12



EAB update, p. 13



A MSU legacy, p. 17

MICHIGAN STATE
UNIVERSITY

Note from the Editor

Welcome to the 2009 edition of the *Michigan State Forester*, the second one to be published electronically. Responses to the new format have been overwhelmingly positive, so we're going to stick with it. As with last year's edition, the MSF will be published on the Internet and accessible as a pdf file off the department website under ALUMNI NEWS (www.for.msu.edu). The cost savings of this more modern approach to publishing have been substantial, and in these recessionary days when budgets are tighter than ever, that is a huge benefit. But we realize that not everyone is a member of the E-generation, so printed copies again will be available on request.

I would like to thank the **many** contributors who made this edition of the MSF possible. Special thanks to **Greg Kowalewski** (B.S. '73) for the nice photos of the sugar house on p. 1 and the plantations on the last page, and **Jim Kielbaso** (M.S. '65, Ph.D. '68) for the photos of the fall '08 FAA football gathering (p. 4) and graduating seniors (p. 9). The able and cheerful assistance of **Juli Kerr** is much appreciated. Thanks also to **Barb Anderson** and **Carol Graysmith** for their contributions to this issue.

I'll end the same way I did last year. I hope you enjoy what you read. And please...

KEEP IN TOUCH!

Don Dickmann



A Great Forester Remembered

Victor J. Rudolph, long-time Department of Forestry faculty member and revered mentor of many students, died at home in Marietta, GA on August 30, 2008 at the age of 91. Born on September 26, 1916 to Thomas Edward and Emma Ann (Kozioł) Rudolph in Little Falls, MN, he earned a Bachelor of Science in Forestry at Utah State University in 1941 and a Master of Forestry at Duke University in 1942. He enlisted in the U.S. Navy in 1942, attended Naval Midshipmen's School in New York, and received an Ensign's commission in 1943. During World War II he served in the South Pacific on the *USS Hammondsport*—an aircraft transport ship—and on the *USS Burias*—an electronics repair ship. While in the Navy he married **Barbara Ann Whitesell** in New York City on July 22, 1944.

After an honorable discharge from the Navy, Vic returned to Duke University to continue graduate studies. He was appointed Assistant Professor of Forestry in 1948 and awarded the Doctor of Forestry in 1950. In 1952 he moved to MSU and became Assistant Professor, rising to full Professor and Associate Chairman of the Department of Forestry. During his tenure at MSU, he taught thousands of undergraduate students and served as major professor for 96 M.S. degree and 18 Ph.D. students. Foreign assignments included time in Saudi Arabia, Brazil, and the Dominican Republic.



Vic retired in 1982 after 30 years at MSU and moved to Clearwater FL and more recently to Marietta GA to be near his daughter Susan. He was a Eucharistic Minister and member of Holy Family Catholic Church in Marietta and a member of the Knights of Columbus. He also volunteered with Hospice, the AARP TaxAide Program, and the Stephens Ministry. He is survived by five daughters: **Barbara H. Arnoldussen**, **Judith A. Burckhardt**, **Susan E. Ullmann**, **Margaret J. Fehrenbach**, and **Patricia L. Toma**; one son: **Thomas P. Rudolph**; three sisters and one brother; ten grandchildren and one great grandchild. He was preceded in death by his wife Barbara. A Mass of Christian Burial was celebrated on Wednesday, September 3, 2008 at Holy Family Catholic Church in Marietta, GA.

Chairperson's Perspective



The Department of Forestry has enjoyed a surprisingly stable year given the turbulence of the global economy, upheaval in the automotive industry, Michigan's high unemployment rate, and the uncertainties of the State of Michigan's budget. There have been many planning sessions on campus, with great thought

going into how to better focus MSU's resources for the future. As is true everywhere, this is a time of change. Yet it seems that is always true. The difference on campus this time is that we are not developing strategic plans for potential future changes in society: responding to an ongoing process of change. Instead the focus is on how to adjust the campus to fit an economic change that has already occurred. It is sobering to engage in discussions of elimination of programs that are of value but which may be laid aside due simply due to budgetary constraints.

However, departmentally I find a certain excitement in these campus-wide discussions. Clearly we play a central role in MSU's future. Time after time departmental programs in bioenergy, environmental services and carbon trading, sustainable resource management, and many other areas are aligned with the university's plans for the future. The vision of our faculty in filling positions and designing research, outreach, and teaching

programs over the past decade—grounded in guidance and input from alumni and stakeholders—has positioned us well to play a leadership role in MSUs evolving future.

With the addition of **Sophan Chhin** this past year the department once again feels whole. All faculty positions are important, but a hole was left right in the middle of the very essence of forestry when Don Dickmann retired and then the silviculture position was not immediately filled. Even though we have many faculty members who have strength in silviculture, we feel good to once again have a designated silviculturist on the faculty. Equally encouraging, we are in the process of filling a tenure-system faculty position in harvesting systems engineering. We have never had a harvesting engineer on our faculty. This is a nice addition to the faculty expertise and will enhance both the research and teaching programs. Change is happening. The economic times are challenging. But rest assured that the department is alive and well and growing.

Due to the many planning meetings on campus, I was unable to get out and conduct any individual state alumni meetings this past spring. I enjoyed that the past two years and hope to continue it in the future, perhaps even this fall if campus budgets ever get finalized. We deeply appreciate the continuing strong support of our alumni. As always, we would love to have you join us for the Alumni Tailgate and Football Game (see p. 4). It is a great way to stay in touch. Please join us if you can.

Best wishes, **Dan Keathley**



DIAL-A-TREE

From The New Yorker, 7/20/09

A public work called the Tree Museum recently has been installed on the Grand Concourse in the Bronx, NY. This work consists of 100 trees along the five-mile length of the concourse. Beside

each tree on the sidewalk is a small green marker with a telephone number. Call the number on a cell phone, punch in the extension of that tree, and hear a recording about the tree, the neighborhood, the Grand Concourse, the Bronx, or some larger concept like global warming.

Urban foresters or any forester living in a urban area take note. Could this be something for your community?

Message from the FAA President

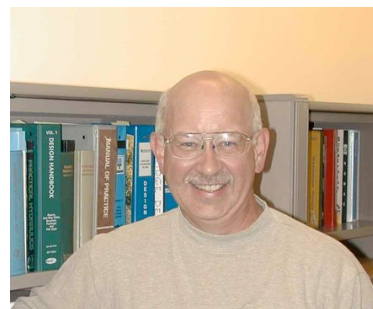
Here we are into our SECOND edition of the *Michigan State Forester* on line. I want to thank **Don Dickmann** for his efforts! The feedback we received from the pioneer edition using the electronic format was encouraging. This format allows for easy and instantaneous contact between you and the Forester's Alumni Association (FAA). We continue our move into the future that the electronic medium has afforded us.

The activities of FAA are coordinated through the current officers: **Bill Schmidt** (B.S. '71, M.S. '72) President; **John Anton** (B.S. '72) Secretary; **J. James Kielbaso** (M.S. '65, Ph.D. '68) Treasurer; and **Don Dickmann**, who continues as Editor of the *Forester*. In addition, special recognition and appreciation go to **Juli Kerr**, MSU Forestry Front Office Secretary, who continues to provide unparalleled efforts in getting things done for FAA. If you have any questions, Juli is the go to person (kerrju@msu.edu).

The FAA continues to be active. Our next event is the 2009 combination Annual Meeting/Football Tailgate extravaganza (see below). This event serves as a drawing card for alumni and family to return to campus to enjoy a pre-game tailgate party. The program will include updates from FAA, a report from Department of Forestry Chairperson **Dan Keathley**, a raffle of door prizes, sale of T-shirts and baseball caps with the FAA logo, and lots of fun with fellow alums. Our Annual Meeting in 2008 had the biggest turnout in recent years (see photo at right) and provided a great opportunity to renew friendships that probably began when you were attending MSU.

FAA continues sponsorship of the "Outstanding Senior Award," given to a graduating senior. This year's awardee was **David Minor** (see p. 10). The award includes a \$200 cash gift and an engraved pen and pencil desktop set. In addition, FAA Officers host the annual Graduating Senior Luncheon at the MSU University Club (see p. 9); that event is a means to congratulate graduating seniors on their accomplishment and welcome them into the MSU Forestry Alumni family. Alumni gatherings—usually breakfast—are held at the national convention of the Society of American Foresters, this year in Orlando, FL at the end of September.

FAA offers a special invitation to help arrange class reunions. The only requirement is that we need an alum from the class seeking a reunion to serve as a contact person. Then we'll help get the reunion going.



As FAA President, I have a special opportunity to meet foresters on both ends of life's spectrum. I sit with the graduating seniors at the FAA luncheon and marvel at their energy, enthusiasm, optimism and desire for "things forestry." I break bread with foresters who have graduated long ago, many of whom are in the midst of their careers or perhaps presently experiencing the joys of retirement, and I see that same spark of energy, enthusiasm, optimism and desire for things forestry. It's that love of things forestry that serves to unite us as family and it is my desire as president to do all things that will enhance that special spirit of community. To that end, YOU have ideas that will help me to do that. I encourage you to take time to provide your suggestions so that WE can make FAA even better, no matter what part of life's journey you're presently experiencing.

Best wishes and enjoy the newsletter.

Bill Schmidt 



2009 Foresters Alumni Meeting, Tailgate, & Game Day

When: October 17
Spartan opponent: Northwestern
Cost: \$60 (lunch & game ticket)



If you're interested contact Juli Kerr
immediately
517 355 0090 or kerrju@msu.edu

GO

GREEN!

S Alumni News

1960s and before

Steve Alguire (B.S. '63) continues to work as a consulting forester in northwest Lower Michigan. He reports that "Although the timber market is not what it was several months ago, clients are still interested in having their woodlots managed. Unfortunately, several mills have gone by the wayside during the recession. I enjoy flying my Mooney whenever time permits."

Since the last reunion he attended **Chet Bartels** (B.S. '63) reports: "I have received a new right hip. So now I have an artificial left leg, an artificial right knee and hip and nothing else from the waist down works the way it did either." He is now retired nine months of the year but works March-May in his greenhouse, which was purchased by one of his sons.

Brian Bennett (B.S. '60) of Ukiah, CA passed away on March 2, 2009. He was the Mendocino County timber appraiser for 39 years. MM

Gordon Cunningham (B.S. '48, Ph.D. '63) says "Hello to any '48 classmates!" He was Extension Forester for the University of Illinois-Urbana ('49-54), Cornell University ('54-61), and the University of Wisconsin-Madison ('63-'83). He and his wife **Vera** moved to Oakwood Retirement Community in Madison in 2002, which has a 9-acre oak woods that he helps to manage. He says "We're in the 'parts' replacement phase of life: new knees, new eyes (cataract surgery), and (me) hearing aids!"

Lee Ekstrom (B.S. '60) is enjoying life in Boyne City, MI. You can see some of the brown trout he caught in Chile <http://www.taxidermy.net/reference/fish/browntrt.html>. MM

Roy Gilbert (B.S. '63) retired in 1995 after 31 years with the Ontario Ministry of Natural Resources. He lives in Pembroke, Ontario and is in relatively good health.

Robert J. Gould (B.S. '55) went directly into the U.S. Army after graduation. In 1958 he began a career with the South Carolina Forestry Commission, holding a wide variety of field and administrative positions. In 1989, in the middle of the Hurricane Hugo Recovery, he became State Forester. He retired in 1993, and now resides on Lake Murray, located near Lexington and Columbia, SC.

Pete Grieves (B.S. '59) is retired Executive Director of the Michigan Timberman's Association and lives in Newberry, MI. MM

Ken Guenther (B.S. '50, M.S. '50) writes: "Here in Oregon and other areas in the U.S. the federal government is increasingly politicizing forest policy. We

have no long-range policy for public lands. We thrash from one position to another every administration. Forest policy is not being made by scientists and foresters. What can foresters from MSU do to instill continuity into the forest's plans? How about a joint position on the matter from MSU alumni?"

Bill Humphrey (B.S. '59) is retired from the Soil Conservation Service and seen at local estate auctions in Lansing. MM

Mike Moore (B.S. '61) retired as the Director of the Michigan DNR in 1996 after a long career with that agency. Since then he taught Forest Management at the University of Michigan and does consulting work. He wrote about some of his 1959 Dunbar Summer Camp colleagues on the 50th anniversary of that memorable time on the Charlotte River (indicated in this column by MM). There were 60 students at that camp and many went on to great careers in forestry, including Mike's DNR colleagues **Bill Mittig** (B.S. '60) and **Leon Erbe** (B.S. '60).

Charles Mortensen (B.S. '61) enjoyed seeing the Pigeon River field cabin on the cover of the 2008 edition of the *Forester* because it brought back fond memories of the Forestry Club cabin on the south bank of the Red Cedar River (demolished in 1965 to make way for Wells Hall). He is retired but involved with a tree committee in Janesville, WI and with citizen input on the Chequamegon National Forest.

Paul Rochester (B.S. '60) recently had both knees replaced and is doing great in Jacksonville, FL. Paul was honored last year at the 40th Anniversary of the Jets Super Bowl Win over the Colts. He was Captain of the Jets defensive team and one of only 20 players who played for the entire ten-year existence of the American Football League. MM

Ken Salo (B.S. '59) is a retired U.S. Navy Commander who lives in Republic, MI. MM

Dave Yates (B.S. '60) lives in Olympia, WA where he stayed after retiring from the U.S. Forest Service. MM



ONLY YOU...

Yes, only you can tell us **where you are** and **what you've been doing** since graduation. The Alumni News column of the *Forester* is only as informative as **you** make it. So please send us a note (our contact information is on the last page) and tell us about yourself and your career. 5

1970s

Don Bellville (M.S. '71) worked for 39 years with the U.S. Forest Service in Oregon and Idaho. He currently is Prescribed Fire/Fuels Planner & R-6 Certified Silviculturist on the Wild Rivers District, Rogue River/Siskiyou National Forest. His 20-year old daughter **Kristina** lives with him while attending college. His off-duty interests include real-estate investing, building and running outboard hydroplane boats, and poking around old mine tunnels looking for mineral specimens.

Don Foco (B.S. '79) spent several years in the Idaho Panhandle working on fire and timber crews on the Clearwater and Nez Perce National Forests. In 1989 he was hired by the Michigan DNR as a Forest Fire Officer and has worked at Grayling, Gladwin, Roscommon, Gaylord, Pellston, Mio and—since July 26— Indian River. He travels often on fire assignments and has been to Australia three times.

Adrienne K. Keller (B.S. '77) has been District Ranger on the Ashton/Island Park District of the Caribou-Targhee National Forest in Ashton, ID for the past 17 years. She's worked for the U.S. Forest Service since 1978 at locations in Montana, Alaska, Oregon, Washington D.C., and Idaho. She says: "The resource management side of the job seems easy compared to the people side!" She is looking forward to retiring next year, although working in the Forest Service "was a great career choice." She lives with her husband on a 70-acre farm in St. Anthony, ID where they enjoy horses, hot rods and a growing leather business.

Bill Rivard (B.S. '79) is a shareholder in the Troy, Michigan law firm of Harvey Kruse, P.C., specializing in Michigan no-fault automobile insurance litigation and counseling. He lives in Dearborn with his wife, **Debbie**, and three college-aged children, **Bill Jr.**, **Sarah**, and **Marcus**. He encourages his classmates and contemporaries to attend the annual FAA football tailgate extravaganza.

Bill Schmidt (B.S. '71; M.S. '72) has been working for the Michigan DNR since 1974, acquiring land and rights in land to consolidate state ownership. He's been through 8 or 9 different DNR directors, 7 or 8 Division Chiefs, and at least 5 name changes for his division. He used to travel around the state more, but still having fun; otherwise he would have retired. Bill is FAA president.

J. Paul Swartz (B.S. '74) has been Campus Arborist in the Landscape Services Department at MSU since 1989. He lives in Laingsburg, MI with wife **Melinda**; daughter **Ashley** is a junior in mechanical engineering at MSU. He says: "Please stop by or call anytime for a tour of campus, you will be amazed." (Editor's note: You will be amazed!). Email him at swartz@pplant.msu.edu.

In February 2009 **Jim Westlake** (B.S. '72) retired after 36+ years with the Davey Tree Expert Company. He and wife Kathy enjoy traveling, bicycling, photography, and hiking. He also finds time to shoot skeet and sporting clays, which helps develop his ruffed grouse and woodcock shooting skills. He hopes to spend more time in the north woods of Michigan, Wisconsin and Pennsylvania bird hunting.

John Vigner (B.S. '77) is Forest Supervisor at the Kellogg Experimental Forest. He's responsible for overseeing and supervising forest management objectives. John has worked at Kellogg for 24 years, so he's seen many changes on this showcase MSU property.

1980s

Olu Akinyemiju (Ph.D. '80) and his wife **Remi** were recent visitors to campus. He is Professor of Plant Science at Obafemi Awolowo University in Ile-Ife, Nigeria. He also is Chairman of the Governing Council of Rufus Giwa Polytechnic, Owo. He was the founding Editor-in-Chief of the *Nigerian Journal of Weed Science*. His son **Bunmi** lives and works in the Lansing area.

Lawrence Bowling (B.S. '82) supplemented his forestry degree by taking advanced math and chemical engineering classes at night, earning a second B.S. degree in chemistry and a Masters in materials engineering. He's worked for Ford Motor Company for 18 years and currently supervises a chemistry and metallurgy lab. He says: "I changed direction, but I've never regretted my Forestry education." He currently lives in Clinton Township, MI.

John Grajek (B.S. '85) hung up his cruising vest in exchange for a fishing, hunting, or photography vest. He reports that "Life is better without working. Two Chesapeake Bay Retrievers make life interesting." He wonders about one of his classmates, **Tesfai Mehbratu** (B.S. '85). (Editor's note: so do we.)

Salim Hiziroglu (Ph.D. '89) is Professor of Wood Products in the Department of Natural Resource Ecology & Management at Oklahoma State University, where he has teaching, extension, and research appointments. He recently took a one-year sabbatical leave at universities in Thailand, Japan, Taiwan, Turkey, Indonesia, and Malaysia.

1990s

Tim Chick (M.S. '91) saw alumnus **John Cape** (B.S. '64) along with the devastating effects of emerald ash borer on a recent trip to Michigan. He will be presenting a paper at this summer's International Society of Arboriculture meeting in Providence, RI. He serves on the New York State Urban and Community Forestry Council and still teaches at Paul Smith's College.

Nicole Frost (B.S. '97) worked since 2000 for Ionia County, MI, but recently took the position of Parks and Recreation Director for Gratiot County. She now lives in Perrinton with her daughter **Ashley** (she was the little redhead on Nicole's hip that she sometimes brought to campus)—she just got her driver's permit!

After graduation **Sal Hansen (B.S. '98)** worked as a chemical applicator at Smith Tree and Landscape, a Receiving Manager at Barnes and Noble, an Environmental Testing Technician, and a District Forester for Macomb and Oakland Counties. He is now a Community Forester at the Greening of Detroit, where he works with neighborhood groups, community-based organizations, and other not-for-profits to plant trees on community streets, parks, and schools. He married **Mary** in October 2007, and they live in Ferndale.

Craig Kasmer (B.S. '96) has worked as a pest scout in the northern Lower Peninsula and as the Forester for the Otsego and Crawford-Roscommon Conservation Districts. Since March 2002 he has been Park Interpreter at the Forest Visitor Center at Hartwick Pines State Park. Craig is responsible for day-to-day operations of the Visitor Center and natural resource-based programs. He currently is the Awards Chair for the Michigan SAF. He comes back to campus annually to teach on the White Pine Logging Era in FOR 101.

After graduation **Scott King (B.S. '97)** and his wife moved to Denver, CO, where he worked as a horticulture technician for three different landscape companies and the University of Denver. They returned to Michigan in summer 2002, and bought a home in Rockford, MI. He has been a Pesticide Inspector for the Michigan Dept. of Agriculture for the past 6 ½ years in Kent, Ottawa, Muskegon, Oceana, Mason, Lake, and Newaygo counties. He and his wife have a beautiful 5 ½ year-old daughter.

Erin Smith-Mateja (B.S. '98, M.S. '03) works for the U.S. Forest Service, Forest Management Service Center with the FVS Modeling-Growth and Yield Group in Ft. Collins, CO. She has a virtual office in Grants Pass, OR where she sits across from another Spartan, **Don Bellville**. She and her husband **Brian** have two children, **Jack** (3) and **William** (1).

Renae (Essenmacher) Paulson (B.S. '97) is a Forest Ranger for the Wisconsin DNR. She lives and works in northwest Wisconsin with husband, daughter, and a second baby due in November!

2000s

Nick Bolton (B.S. '08), currently located in Isabella, MN, is a research assistant at the University of Minnesota in the Department of Forest Resources Applied Ecology and Silviculture Lab. He is investigating responses to natural

disturbances and silvicultural treatments in northern hardwood forests along Minnesota's north shore. The focus of the project is finding niche environments to regenerate shade-intolerant species like yellow birch for conservation management.

Gem Castillo (Ph.D. '01), who married in 2007, is a board member and consultant for Resources, Environmental Economics Center for Studies, in Quezon City, Philippines. He finished work on the Philippine Environmental Governance Project in fall 2008 and is currently working on a number of environmental economics projects. He is Vice President of the Resources Economics Association of the Philippines and helped organize a 2009 conference on Recent Developments on Climate Change Adaptation and Mitigation.

Elisa Collins (B.S. '03) is getting married this August and lives in Madison, WI.

Derek Cross (B.S. '08) works as a forester for the Michigan DNR. He is assigned to the Sault Ste. Marie Forest Management Unit at the Naubinway Field Office.

Anthony Fox (B.S. '00) has been married for seven years, has two kids (five and one), and lives in Lake City, MI. He has been with Packaging Corporation of America for five years and currently is Wood Procurement Coordinator, managing inventory levels and assigning open market quotas. He still does quite a bit of field work on both private and public forests.

Lindsay (Towne) Gartner (B.S. '00) works for the Colorado State Forest Service on the Durango District and was recently promoted to Assistant District Forester. She takes care of I&D and Community Forestry programs, does GIS, helps write forest management plans, and assists landowners. She and husband **Russ** have a new baby boy **Orin**, who arrived in April.

Russell Gartner (B.S. '00) is with ProBuild—the nation's largest supplier of building materials for home building, professional and contract builders—in Durango, CO. His take on the current economic situation is that because building materials and labor rates have fallen so much there has never been a more cost-effective time to build a new home (adjusted for inflation). He also believes that the millions of uncut acres designated for production are going to need proper management as they sit and await their ultimate purpose, and that's good news for forestry!

Rebecca (Becky) Hagerman (B.S. '01) stayed at MSU to pursue a M.S. in Parks, Recreation, and Tourism Studies with emphasis in natural resource recreation. She now works for The Nature Conservancy at their office in Old Town Lansing. She is married to a firefighter/paramedic and they have two girls—**Anna** (3) and **Sophia** (6 months).

John Kemppainen (B.S. '06) is still working in Wilmette, IL as Village Forester/ Emerald Ash Borer Program Manager. He lives in Chicago.

Shawna Patterson Meyer (M.S. '05) has been Forest Care Director of the San Bernardino National Forest Association in southern California since 2005. She develops and implements large-scale hazardous fuels thinning on private lands in the populous and fire-prone San Bernardino National Forest. She and husband **Jason** have three children, **Jonah** (5), **Sophie** (3), and **Eli** (2). Check out her work at www.sbnfa.org/forestcare.php or contact her directly at shawnameyer@fs.fed.us.

Patrick A. Mohnhey (B.S. '06) is Roving District Forester for the Forest, Mineral and Fire Management Division of the Michigan DNR. He reports: "No real big news here or great achievements. Everything seems to be going somewhat smoothly." Pat told us that **Rob Miller** (B.S. '08) lives in Champaign-Urbana, IL while his wife is working on her Ph.D. degree.

Bob Paris (B.S. '00) has been married for seven years this August to **Stephanie**, and they just had their first child **Wil** on May 1st. They live in Monroe, MI and Bob works in Toledo with The Davey Tree Expert Co. This is his 7th year with the company and 4th year in Toledo as a Sales and Service Representative.

Jeanette (Maurice) Pilarski (B.S. '03, M.S. '05) began living and working in the small town of Paris, TN in March 2008. She is the chemist for Nobel Automotive—manufacturer of rubber hoses for engines, primarily in

charge of rubber formulating and testing. She's been married to husband **Dan** for five years and they have a three-year old chocolate lab, Lily.

Kevin Sayers (M.S. '01) is State Coordinator for the Urban & Community Forestry Program of the Michigan DNR. He and his wife **Amy** live in East Lansing and keep busy with their new son **Colin**, born on October 14, 2008.

Sara (Deuling) Strassman (B.S. '01) is Associate Director of the River Restoration Program for American Rivers in Camp Hill, PA. As a Certified Floodplain Manager she spends most of her time managing dam removal and floodplain restoration projects. She also serves on her borough's Environmental Advisory Committee, which undertakes to plant trees in downtown areas and along residential streets. She married **Andrew**—who she met in graduate school—last October.

Brian Verhougstraete (B.S. '02) has been married to **Amy** for seven years, and they have a two-year-old daughter and another baby due in January. They live in DeWitt, MI. Brian has worked for the Michigan Department of Agriculture for over six years and is currently the Pesticide Registration Manager for the Pesticide and Plant Pest Management Division.

Corine Vriesendorp (Ph.D. '02) works at The Field Museum in Chicago, directing the rapid inventory program. She leads expeditions to remote, unknown places in Latin America and uses the results of these trips to catalyze conservation action. To date, the lands protected are more than 45,000 sq. miles (more than 2/3rds of the area of Illinois!).

Grandparents University Features Wood & Woods

MSU Grandparents University brings grandparents and their grandchildren to campus for a three-day educational experience (<http://grandparents.msu.edu/>). On July 1, 2009, faculty member **Laurent Matuana** (below right) led a class "From Trees to Wood to Things We Use," which included demonstrations of wood-plastic extrusion and different kinds of wood.

Meanwhile, faculty members **Larry Leefers** (below far right) and **Andy Finley** conducted a "Walk in the Trees" on central campus. Some of you may recognize the building where the participants posed—**Chittenden Hall**. Why not bring your grandchildren to this unique event in 2010? What better way to pique their interest in a career in forestry!



Forestry Field Studies

The Department of Forestry's spring field camp continues to thrive under the co-direction of faculty members **Dave MacFarlane** and **Mike Walters**. Dave sent this report about the 2009 camp:

"This year MSU Forestry students got to live and work like members of the Civilian Conservation Corps (CCC) during their field camp experience. Students again stayed at the historic staff house cabin in the Pigeon River Country State Forest, previously built and occupied by members of the CCC. They got a chance to hand plant jack pine seedlings with dibble bars at a Kirtland's warbler

restoration site on Michigan DNR land. Kirtland's warbler is a federally endangered migratory bird species whose breeding habitat is predominantly northern lower Michigan, although it now is found in the U.P. as well. Working on sites along with Mexican migrant laborers (who provide nearly all of the labor for this restoration), students experienced first hand the back-breaking toil that many young men faced daily during the last great economic downturn in the U.S. during the 1930s. While our students had fun planting about 100 trees each, it is not something that they would choose to do daily if other work could be found."

Recent Department of Forestry Graduates

FALL 2008

B.S.

John Rademacher
Jason Darling
Ross Hickok
Jesse Bramer

M.S.

Susan Spaulding

SPRING & SUMMER 2009

B.S.

Chad Babcock
David Minor
Andrew Mueller
Lee Mueller
Ryan Shamion

M.S.

Kendra Tabor

Ph.D.

Steve LeDuc

The Forestry Alumni Association has a luncheon for graduating seniors each spring and fall at the University Club.

FAA officers Schmidt, Anton, and Kielbaso; Department Chair Keathley; and *Forester* editor Dickmann are hosts.



Fall '08 graduating seniors (left to right): **Jesse Bramer**, **Ross Hickok**, **John Rademacher**, **Jason Darling**.



Spring '09 graduating seniors (left to right): **Chad Babcock**, **David Minor**, **Ryan Shamion**, **Lee Mueller**, **Andrew Mueller**.

Student Scholarship Winners

In large measure because of the generosity of Department of Forestry alumni, many deserving forestry students who maintain at least a 3.0 GPA receive cash awards.

The following awards and scholarships were given to Department of Forestry students at the Agriculture and Natural Resources Honors Banquet on March 20, 2009.

| Awardees | \$ Amount | Award Name |
|------------------|-----------|-------------------------------|
| Jerry Stillwagon | 5200.00 | Budres Foundation |
| Brett Kuipers | 1400.00 | Budres Foundation |
| Margaret Studer | 3400.00 | Budres Foundation |
| David Minor | 200.00 | FAA Senior Award |
| Lee Mueller | 1000.00 | Carl O. Basel Award |
| David Minor | 1000.00 | Carl O. Basel Award |
| Brett Kuipers | 1000.00 | Carl O. Basel Award |
| David Minor | 1200.00 | Terrill D. Stevens |
| Andrew Mueller | 1200.00 | Terrill D. Stevens |
| Lisa Parker | 1000.00 | James Graham Helmbrecht |
| Margaret Studer | 1200.00 | James Graham Helmbrecht |
| James Wieferich | 1000.00 | James Graham Helmbrecht |
| David Minor | 500.00 | Forestry Faculty Senior |
| Jen Gradisher | 2000.00 | Leavengood Scholarship |
| David Minor | 2100.00 | Leavengood Scholarship |
| Andrew Mueller | 5800.00 | Leavengood Scholarship |
| Ben Stein | 2500.00 | Leavengood Scholarship |
| Brett Kuipers | 5300.00 | Leavengood Scholarship |
| Lisa Parker | 4500.00 | Leavengood Scholarship |
| Lee Mueller | 2500.00 | Leavengood Scholarship |
| Chad Babcock | 3500.00 | Leavengood Scholarship |
| James Wieferich | 3500.00 | Leavengood Scholarship |
| Jen Gradisher | 2000.00 | Theron E. Daw |
| Lisa Parker | 2000.00 | Theron E. Daw |
| Margaret Studer | 2000.00 | Theron E. Daw |
| Ben Stein | 2000.00 | Theron E. Daw |
| Jerry Stillwagon | 2000.00 | Theron E. Daw |
| Jen Gradisher | 3000.00 | Herbert S. Humphrey |
| Lee Mueller | 3000.00 | Herbert S. Humphrey |
| David Minor | 3000.00 | Herbert S. Humphrey |
| Ben Stein | 3000.00 | Herbert S. Humphrey |
| James Wieferich | 3000.00 | Herbert S. Humphrey |
| Chad Babcock | 3000.00 | Herbert S. Humphrey |
| Andrew Mueller | 1000.00 | Clare & Myrtle Hendee |
| David Minor | 1000.00 | Clare & Myrtle Hendee |
| Jen Gradisher | 1000.00 | Clare & Myrtle Hendee |
| Lee Mueller | 1000.00 | Clare & Myrtle Hendee |
| Margaret Studer | 1000.00 | Clare & Myrtle Hendee |
| Chad Babcock | 1000.00 | Clare & Myrtle Hendee |
| Margaret Studer | 250.00 | MI Christmas Tree Association |
| Jerry Stillwagon | 300.00 | Chapman Foundation |
| Brett Kuipers | 300.00 | Chapman Foundation |
| James Wieferich | 100.00 | Karl Dressel |
| Brett Kuipers | 100.00 | Karl Dressel |

Faculty/Staff Notes

Congratulations to **Andy Finley**! He was selected as the recipient of the **2009 Young Investigator Award** from the American Statistical Association's Section on Statistics and the Environment. This award was given for his innovative research on hierarchical spatial models for large natural resources databases, optimization and application of nearest neighbors techniques for use with remotely sensed and ecological data, and software algorithm development. He will be attending the Joint Statistical Meetings in Washington D.C. in early August to receive the award at the Environment Business Meeting.

Kyung-Hwan Han (Ph.D. '91) has been invited to participate as a faculty member in a research initiative in Korea called "World Class University." Along with three other faculty members from the U.S.A., he'll be a founding faculty member for the Department of Bioenergy Science and Technology, a new academic unit at Chonnam National University. This appointment is an honor for Han because the initiative recruited world-class scientists to enhance the research and teaching capacity of Korean universities. Starting fall semester, he'll be directing research in two laboratories, one at MSU and the other at CNU.

Dr. Han and **Jae-Heung Ko**, a Research Assistant Professor in the department, invented a novel drought tolerance mechanism in plants, leading to patent filings by MSU. So far two companies—Bayer Crop Science and Bejo Sheetal Seeds—are in the final stage of license negotiation with MSU. They have research funding in the amount of ca.\$180,000 for two years from Bayer and the Consortium for Plant Biotechnology Research. They also have filed an invention disclosure with MSU Technologies on utility promoters to genetically engineer modified wood properties. A technology screening meeting is scheduled to assess its potential market and patentability. Finally, they have a paper coming out in the high impact *Plant Journal* to report their discovery of a genetic regulation mechanism for wood formation.

Laurent Matuana also is in the patent business—US Patent #7,446,138 on "Wood Particle Filled Polyvinyl Chloride Composites and Their Foams" was issued on November 4, 2008. Another important news item from the Matuana lab is that Ph.D. student **Carlos Diaz** presented and won the best student paper award at the Society of Plastics Engineers-Vinyl Division Annual Technical Conference held in Chicago in June. A plaque and a check in the amount of \$1000 were presented to him. The paper entitled "Continuous Extrusion Production of Microcellular Rigid PVC" will be published in the September issue of the *Journal of Vinyl & Additive Technology*.

Robert Haack, Adjunct Professor and Forest Entomologist with the U.S. Forest Service, Northern Research Station, was presented the 2009 Distinguished Scientist Award by the Northern Research Station. The award was based on his 23 years of service to the Forest Service, including 16 years as Project Leader of the East Lansing Insect Unit, and his scientific contributions in the field of exotic forest insects, including the emerald ash borer and the Asian longhorned beetle.

World traveler **Larry Leefers** (M.S. '78, Ph.D. '81) has been at it again. He travelled to Indonesia in June to make a forest policy presentation to senior members of the Ministry of Forestry (MOF). Among them were (left to right below) **Adi Susimianto** (M.S. '95), Leefers, **Boen Purnama** (Ph.D. '90), and **Iman Santoso** (M.S. '92). Leefers also met with **Basoeki Karyatmatmadja** (M.S. '94), **Putera Parthama** (Ph.D. '95) and other MSU alums, forestry leaders in a very challenging environment. MOF Secretary General Purnama is president of the MSU Alumni Association in Indonesia—one of the premier MSU alumni groups in the world!



Karen Potter-Witter (Ph.D. '81) co-authored "Expanding Bioenergy Opportunities from Working Forests and Rangelands." (Jointly published by MSU and the U.S.D.A. Cooperative State Research, Education, and Extension Service), this bulletin discusses important bioenergy policy issues and how extension can help. It has been used in work with the U.S. Congress and other policy makers.

Artisan, small craft distilling of a diverse line of high quality products is making an international comeback after many decades of large distillery production with limited brands and beverage experiences. The Artisan Distilling Program was established over a decade ago at MSU by **Kris Berglund** and provides information, research, and training for those in the artisan distilling business or interested in entering it. Facilities that support the program are located at Michigan Brewing Company in Webberville, MI. Recently the facility was enlarged to house three commercial scale stills, making MSU unique in the U.S. in its ability to conduct industrially relevant research and development.

Rich Kobe welcomes a new cohort of graduate students and visiting scholars to his lab. **David Minor** (B.S. '09) is pursuing MS research on the effects of soil resources, local density, and tree size on tree flower and fruit production in northwest lower Michigan. Doctoral student **Andrea Maguire** is interested in getting better estimates of total (coarse and fine) root mass. **Benedict Bachelot** will be arriving from AgroParis Tech and likely will pursue her MS thesis in Costa Rica. **Li Jingwen**, a professor from Beijing Forestry University, will be a visiting scholar during the 2009-10 academic year and will focus on regeneration dynamics in temperate forests.

David Skole leads the **Carbon2Markets** project at MSU, which focuses on combining value chains from carbon credits in the carbon financial markets and agro-forestry products for small holders in developing countries. C2M provides accurate measurements of carbon sequestration from reforestation and agro-forestry land management activities using high-resolution remote sensing data from earth observing satellites, web-GIS tools, and modeling. Their offset projects have repeat monitoring to ensure long-term storage of sequestered carbon. Charismatic Carbon is a C2M term to highlight the twinning of carbon sequestration with many social and environmental co-benefits that impact communities and livelihoods.

Mark Hansen, Wildfire Extension Specialist in the department, has produced a 30-minute DVD entitled "**Wildfire in the Great Lakes Region**." The DVD covers wildfire behavior, causes, and solutions and includes interviews with victims, fire chiefs, fire response agency staff, and others. All Public Broadcasting Stations in Michigan have played it, as well as Fox 47 of Lansing. Copies have been distributed to county extension offices, Firewise Communities/USA, and the Michigan DNR. Copies (#DVD027) are available from the MSU Educational Materials Distribution Center (www.emdc.msue.msu.edu) for \$15.00.

To develop a Sino-U.S. alliance on forest ecosystem monitoring and evaluation, an MSU delegation visited China during June 2009. Included were two forestry faculty: **Runsheng Yin**, Director of the Ecosystem Policy Institute of China and **David Skole**, Director of the Global Observatory of Ecosystem Services. **Frank Fear**, Senior Associate Dean of the College of Agriculture and Natural Resources and **Jay Samek**, Research Scientist of the Global Observatory of Ecosystem Services also were delegates. The delegation visited the Southwest Forestry University, the Chinese Academy of Forestry, the Northwest Agriculture and Forestry University, and the State Forestry Administration Office of Carbon Sequestration.

Runsheng Yin (third from left below) also led a group of undergraduate students to investigate China's ecological restoration programs and experience the country's culture. Included in the group were MSU forestry student **Margaret Studer** (second from right below) and students from American University, the University of Massachusetts, and the SUNY School of Environmental Science and Forestry. The group conducted household surveys regarding grassland restoration in Qinghai Province.



An Important Fact for Foresters

According to data from the U.S. Environmental Protection Agency (<http://epa.gov/climatechange/emissions/usinventoryreport.html>), in 2007 forests in the U.S. sequestered 910.1 million metric tons of CO₂, which represents an offset of 14.9% of total U.S. CO₂ emissions that year. Just another example of the many benefits that our forests—and the foresters that manage them—provide.



Hanover Forest Science Seminar

Since the fall of 2002 this series—honoring the late **Jim Hanover**, long-time faculty member—has brought scientists from forest and wood science to MSU to speak. The seminars are well attended by mix of students and faculty

Rich Kobe (MSU Forestry)—*Distilling forest community dynamics into models of plant performance*

Patricia Alvarez (Rutgers University)—*The role of pathogens and predators in tropical ecosystems*

Dave MacFarlane (MSU Forestry)—*Allometric scaling relationships for predicting branch volume in hardwood trees and forests*

Ruth Yanai (Syracuse University)—*Calcium cycling in northern hardwoods: acid rain and apatite weathering*

Workshop: *Monte Carlo in Excel: build your own uncertainty analysis*

Pascal Nzokou (MSU Forestry)—*Using plant growth regulators to reduce susceptibility to winter injury in Fraser fir and Colorado blue spruce*

Mike Dietze (University of Illinois)—*Regeneration dynamics in large forest gaps*

from across campus. During spring 2009 an outstanding slate of speakers again was organized by **Rich Kobe**. Seminars are held each Tuesday afternoon at 4:00 in room 225 N.R. Stop by if you are in the neighborhood!

John Silander (University of Connecticut)—*Predicting the distribution, performance and spread of invasive plants species across eastern North America*

Mark Brunson (Utah State University)—*Management of pinyon pine and juniper woodlands in the Intermountain West: Restoration or arborphobia?*

Rich Phillips (Indiana University)—*The carbon economy of forests and subpriming effects: ramping up the N cycle under elevated CO₂*

Chad Dawson (State University of New York Environmental Science & Forestry)—*Camper experiences and impacts in the St. Regis Canoe Area: Integrating social and resource data*

Juha Siikamaki (Resources for the Future)—*Integrating economics and ecology in biological conservation decisions*

Emerald Ash Borer Update

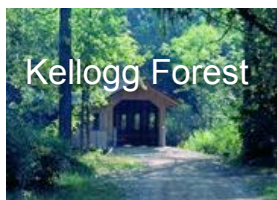
The woods of Michigan are under assault by the emerald ash borer (EAB). The scale of damage inflicted by this pest so far is almost unbelievable: over 40 million trees in Michigan alone. One cannot drive anywhere in the southern part of the state and not see dead ash trees. An introduced pest, EAB arrived in the U.S. from Asia in the early 1990's and was discovered near Detroit in 2002. Since then EAB infestations have spread throughout Michigan, to 13 additional states, and to two Canadian provinces. Larvae of the EAB feed in the phloem throughout the trunks of trees, girdling them.

Since EAB's discovery, forestry/entomology faculty member **Deb McCullough** and her crew have conducted a wide range of studies on the ecology and management of this invasive pest. **Sara Tanis** (shown at right) is a second year Ph.D. student studying under Professor McCullough. The main focus of her research is to understand the relationships between EAB and their host ash trees. She is evaluating EAB behavior and development and the potential resistance of five different ash species to determine why EAB prefer some North American species—e.g., green and black ash—over others. Much of Sara's field research is being conducted at the MSU Tree Research Center, where 245 ash trees were planted for evaluation in 2007.

Professor McCullough also has been busy on other EAB fronts. She recently co-authored an important publication entitled "**Insecticide Options for Protecting Ash Trees from Emerald Ash Borer**," which is available on the Internet in pdf format (www.emeraldashborer.info/files/Multistate_EAB_Insecticide_Fact_Sheet.pdf). Our understanding of how EAB can be managed successfully with insecticides has increased substantially in recent years. The current state of this understanding is detailed in this nicely illustrated bulletin.



Forest Properties



Greg Kowalewski (B.S. '73) and his crew at the **W.K. Kellogg Experimental Forest** near Battle Creek (www.maes.msu.edu/ressta/kelloggforest) have had another

busy year, not only because of work at the forest itself, but because they also are responsible for several other properties scattered around Michigan's Lower Peninsula (see this column in the 2008 *Forester*). Activities the past year included supervising the salvage of storm-damaged trees on two campus woodlots. The Forestry Club will cut up the stock-piled tops for fuel wood for their maple syrup operation. Lumber also has been supplied from Kellogg Forest for a Forestry Club sugarhouse, to be constructed at a future date. Kellogg Forest has its own maple syrup operation (see cover photo). During spring '09 volunteers produced 120 gallons of syrup, and the sugar bush open house attracted more than 500 visitors.

The Kellogg Forest Crew, along with retired faculty member **Don Dickmann** and forestry students **Lee Mueller** (B.S. '09) and **Andy Mueller** (B.S. '09), conducted a prescribed fire in a prairie at MSU's Hidden Lake Gardens east of Jackson in early November 2008. The burn was the second one conducted by department personnel at the gardens and part of their prairie restoration program.

Mike Walters and **Dave MacFarlane**, who teach the FOR 420 Field Studies class, are working with Kellogg personnel on the management of a 33-acre woodlot at the Kellogg Biological Station's Lux Arbor Reserve. The class will establish boundaries, conduct an inventory, develop a management plan, and mark trees for a sale, with a harvest to follow. The focus is removal of low-grade material and creating forest gaps, which then will be planted. Because deer browsing is a big problem at Lux Arbor, a study will be set up in the gaps to assess the effects of protection from deer vs. no protection.

The crew assisted **Rich Kobe's** student **Andrea Maguire** in collection of root samples of 11 northern hardwood tree species for development of a root key, which may be the first of its kind. The true fir (*Abies* spp.) test at the forest has been scored for deer browsing. Foliage samples were collected for **Pascal Nzokou** (Ph.D. '04), who will chemically analyze them to determine if browse preference can be recognized.

Other projects occupying the Kellogg crew included the maintenance of "Firewise" conditions at MSU's Camp Wa Wa Sum near Graying—which is located in an area of high wildfire risk—and the establishment of emerald ash borer "purple" traps and EAB bait log collection.

The Upper Peninsula Tree Improvement Center, located just west of Escanaba, has taken on a new role. It now serves as the **Forestry Biofuel Statewide Collaboration Center**. **Ray Miller** (Ph.D.



'84)—Upper Peninsula Forest Properties Manager—has been named statewide **Forest Biomass Development Coordinator**. He will be responsible for coordinating and focusing new and existing research, development, and outreach projects at Michigan State and Michigan Technological University (MTU).

Research at the Forestry Biofuel Statewide Collaboration Center builds on work funded through the state's Forest Feedstock Supply Chain Center of Energy Excellence. MSU and MTU received \$2 million through that program

to support the Mascoma Corporation's proposed cellulosic ethanol plant in Chippewa County. Projects will 1) Develop a complete forest-based biomass assessment for Michigan that is geo-referenced and available online in a user-friendly system; 2) Improve harvesting, processing and transportation systems for woody biomass; 3) Improve forest feedstock productivity and sustainability and 4) Engage landowners and communities in producing woody biomass feedstocks through education and outreach programs and materials.

UPTIC is the logical center for MSU's bioenergy initiative because research has been conducted on this topic for decades. Willow and poplar clonal trials began in the 1980s; willow and poplar yield trials started in 1991; and studies on spacing and herbicide use in poplar and willow energy crops began in 1990. All continue today.



Michigan State University is committed to assisting Michigan become a world leader in the bioeconomy. To

this end the Office of Biobased Technologies was created to coordinate MSU research and resources and to foster connections with public and private initiatives aimed at expanding the state's bioeconomic sector. The Department of Forestry is right in the thick of this initiative. A new publication (left) summarizes MSU's research, education, collaboration, and outreach efforts. The pdf of this publication is available on the the UPTIC web site: www.maes.msu.edu/uptic.

Resident manager **Randy Klevickas** keeps busy with facility maintenance at the **Tree Research Center** when he's not tending the tree nursery or assisting MSU researchers with their projects. He reports a relatively uneventful year and "that's a good thing since we have not yet completed clean up of tree damage in our wind breaks, plantations, and woodlots caused by a series of bad storms during the previous two years." Randy is coordinating the installation of a new irrigation well at the Sandhill Research Area.



Paul Bloese continues management of the TRC greenhouses and the department's tree improvement program. Project highlights included a large jack pine seed orchard thinning project with the Michigan DNR and tree grafting for the U.S. Forest Service beech bark disease program.

Other key projects at the TRC include **Deb McCullough's** emerald ash borer studies, **Pascal Nzokou's** Christmas tree trials, and **Ray Miller's** hybrid poplar biofuel nursery beds.

Student activity at the Tree Research Center has increased over the past several years. **Rich Kobe** and **Sophan Chhin** used the facility for field classes in forest ecology and silviculture, and about a half dozen graduate students are completing their thesis projects here. After hours, the **Forestry Club** pesters Randy for help with their activities. He admits it doesn't take much arm twisting to get him outdoors.

Randy and Paul encourage anyone to stop by for a visit, drop them an e-mail, or check out their web site (www.for.msu.edu/pages/research/tree_research.html). They are especially interested in learning what past TRC student employees are doing.

Around Campus

Wharton remodeling nears completion



The requirements for large Broadway production companies and the expectations of the community for star-quality entertainment have created the need to change the supporting functions for the Great Hall and Pasant Theatres of the **Wharton Center for the Performing Arts**. This project includes the alteration of offices; additional rehearsal, star-dressing, and cast-dressing rooms; Green Room expansion; and laundry, crew preparation, storage, concession service, and backstage loading dock expansion. Just-in-time maintenance needs will also be met, and fire, security and electrical systems will be upgraded. Construction will be substantially complete by October 2009, with final completion by November 2010. Meanwhile, Wharton's star-studded schedule of performances continues (www.whartoncenter.com/).

Progress on the Farm Lane underpasses

Phase II of MSU's **Farm Lane Underpass** project south of the Natural Resources Building continues, with the opening date for Farm Lane delayed until fall 2009. Farm Lane has been closed to pedestrians, bikers, and vehicles south of Wilson Road since March of 2008. Detour routes are posted in and around campus. The project will lower Farm Lane under the Canadian National (CN) RR crossing just north of Service Road and the CSX RR crossing just north of the commuter lot (Lot 89) at the corner of Mt. Hope Road and Farm Lane. Eliminating the current at-grade RR crossings on Farm Lane will increase safety and improve access along this main north/south route through MSU. The project is a joint partnership between the Michigan Department of Transportation and MSU (www.construction.msu.edu).



Cash Gifts to the Department of Forestry— June 2008 through June 2009

The Department of Forestry would like to acknowledge contributions received from alumni and friends. We sincerely thank all donors and urge you to continue to support your department.

\$1 - \$99

Chhin, Sophan
Della-Bianca, Lino
Fedewa, Rebecca
Gibbons, Christopher W.
Guthrie, Jacqueline M.
Han, Kyung-Hwan
Hansen, Mark F.
Hesch, Patricia C.
Howell, James W.
Humphrey, Ronald
Kobe, Richard
Leefers, Larry
Lennon, Mark M.
Livingston, Laura
MacFarlane, David W.
Matuana, Laurent
Meuwissen, Greg A.
Nelson, Martin K.
Novak, Valerie M.
Potter-Witter, Karen
Prior, John W.
Sabol, Emil M.
Schepers, Bob E.
Skole, David L.
The Pacific Resources Group
Veneklasen, Diane
Wedding, John R.
Yin, Runsheng

\$100 - \$999

Andersen, David W.
Anderson, Arden D.
Arps, Richard H.
Barney, Richard J.
Brevitz, Bruce R.
Cool, Robert A.
Keathley, Daniel E.
Mackinder, Robert C.
Oswald, Brian P.
Pitcher, John A.
Schneider, Gary
Smith, Mary Jean
Tobolski, James J.
Veresh, Daniel A.
Wisniewski, David

\$1,000 - \$45,000

Boucher, Cara A.
Budres Foundation

Be a Recruiter for Your Department!

The vitality and visibility of the Department of Forestry at MSU depends in part on an adequate student enrollment. We do not want to go the way of several large universities where the B.S. degree in forestry has been discontinued or departments eliminated because of low student numbers. During spring '09 we had just 39 undergraduate, 10 Masters, and 16 Ph.D. students. The fall '09 enrollments will not be substantially different. So far the department has prospered, but students have to continue to come to us to study. You can help.

We encourage you to be recruiters for our department and promoters of forestry as a professional career. In your family, among friends, at your church, in the local schools, at a scout meeting—wherever—you can be an effective voice for our department and the profession. Better still, take some kids into the woods and give them a forestry “pep talk.” Or bring your grandchildren to **Grandparents University** to learn about MSU and forestry (see p. 8). Use your imagination; there are lots of ways to be a recruiter.

We're 107 years old and we want the tradition to continue!

A Legacy of Planting

In his book *The Man Who Planted Trees*, Jean Giono immortalized a person whose tree-planting mission transformed a barren environment. Over the 107 years of its existence, Department of Forestry faculty, staff, and students also have had a planting mission, and in the process transformed many environments. Nowhere is this transformation more evident than at Kellogg

Experimental Forest, once an eroded, denuded farm. Kellogg Forstmeister **Greg Kowalewski** sent in these photos of a couple of the oldest plantations at the forest, both in Compartment 15. Some of you may remember measuring these stands during the old “Spring Block.” Now there’s a transformation—as well as many thousands of board feet—we can be proud of!



Above—Red pine established in 1938 and thinned several times in a pioneering study established by **Vic Rudolph** (see p. 2) and former Kellogg Forstmeister **Walt Lemmien**. Prescribed fire has been used several times to control the understory. *Right*—Black walnut planted in the early 1940s; silvicultural treatments have included thinning, fertilization, and control of the understory with herbicides.



The *Michigan State Forester* is published by the Department of Forestry at Michigan State University. It is distributed free of charge to members of the Forestry Alumni Association and MSU students, faculty, staff, and friends.

Editorial Staff:

Don Dickmann.....Editor (dickman1@msu.edu)
Juli Kerr.....Editorial assistant

MSU Forestry Alumni Association:

Bill Schmidt.....President
John Anton..... Secretary
Jim Kielbaso.....Treasurer

Address correspondence and address changes to:

Juli Kerr

Michigan State Forester
Department of Forestry
Michigan State University
East Lansing, MI 48824-1222
kerrju@msu.edu
517 355 0090