



## 2013 Bourgade Catholic Hall of Fame Nomination Form

Nominees must have either participated in any of Bourgade Catholics' major interscholastic competitive sports as a player, coach, administrator, or in some other capacity which displays his or her interest and loyalty to Bourgade Catholic. Candidates should be recognized as having had exceptional skill and/or dedication to their sport(s). Recommendations should include a summary of your candidate's athletic achievements while at Bourgade Catholic. Additionally, if your nominee has used his or her skills to enrich the community by volunteering as a coach and/or teacher, please be sure to include that information.

- Alumni
- Hall of Fame
- 50th Anniversary  
Celebration
- Homecoming

ALL NOMINATIONS MUST BE RECEIVED BY THE SELECTION COMMITTEE BY JULY 1, 2013. Nominations will NOT be accepted without valid contact information for the nominee (required \*)

**Name of Nominee \*** \_\_\_\_\_  
 Gerald Tusken  
 First Last

**Class Year** \_\_\_\_\_  
 1974

**Address \*** \_\_\_\_\_  
 P.O. Box 5004

**City \*** \_\_\_\_\_  
 Oak Ridge

**State \*** \_\_\_\_\_  
 Tennessee

**Zip \*** \_\_\_\_\_  
 37830

**Phone Number \*** \_\_\_\_\_  
 865 - 576 - 8141

**Email** \_\_\_\_\_  
 gtk@oml.gov

Please fill out as much of the following information as possible. Feel free to ask the nominee for as much information as needed. Other sources are parents, coaches, and teammates.

**Sport(s) nominated for:** \_\_\_\_\_

**Number of years and letters awarded in each sport:** \_\_\_\_\_

**Awards won (team, league, media):** \_\_\_\_\_

**Team(s) performance:** \_\_\_\_\_

**Team Captain/Leadership characteristics:** \_\_\_\_\_

---

**Academic Standing:**

"SEE ATTACHED"

**Other Information:**

"SEE ATTACHED"

**Your Name**

Marilyn Tuskan  
First Last

**Class of:**

**Phone Number**

602 - 524 - 1954

**Email**

**Relation to nominee (teammate, friend, family, etc**

Mother

**Submit**

Academic Standing:

***Distinguished Scientist***

Ph.D., Genetics, Texas A&M University, 1984

M.S., Forest Genetics, Mississippi State  
University, 1980

B.S., Forest Management, Northern Arizona  
University, 1978

Other Information:

Oak Ridge, Tenn., Feb.3, 2012 - Jerry Tuskan, Oak Ridge National Laboratory Distinguished Scientist in the Biosciences Division, has been named Forest Biotechnologist of the Year by the Institute of Forest Biotechnology (IFB).

His peers within the Forest Biotechnology Partnership, and International group of forestry and biotechnology professionals, selected Tuskan as the fourth scientist to win this award, which recognizes the forest biotechnologist who best exemplifies responsible uses of forest biotechnology and actively promotes science, dialogue and stewardship through their work.

According to his peers, Tuskan was nominated because of his leadership, long-term vision and vast scientific knowledge of forest biotechnology.

In 2006, Tuskan led the International Populus Genome Consortium in sequencing, assembling, annotating and publishing the Populus genome, which has been cited more than 1,000 times over the past five years. Tuskan has more than 120 publications in the areas of genetics of perennial plants, including 45 publications with nearly 800 citations that exclusively relate to biotechnology, biomass production and bioenergy.

Tuskan co-leads DOE's plant microbe interaction scientific focus area and leads the Populus portion of the Biomass Formation Activity for DOE's Bioenergy Science Center. His research interests included genetic advancement of Populus and other woody crops in the development of biomass cropping systems for energy.

Jerry clearly cares about the future of our world's forests. Even while fostering groundbreaking genomic work in one tree species, he is communicating the benefits of forest biotechnology to government agencies and scientists around the world!

I believe Jerry is an exceptional Hall of Fame nominee, with impressive career accomplishments.



# OAK RIDGE NATIONAL LABORATORY

Managed by UT-Battelle for the Department of Energy

Search

Go!

Find People · Contact · Site Index · Comments

Saturday, August 17, 2013

Home

Home > News > Recent News Releases > News Release

News Releases

Story Tips

Features

Audio Spots

Technical Calendar

ORNL in the News

DOE Pulse

About ORNL

Contact Us

Comments and Questions

## News Release

Follow
 RSS
 Print
 flickr
 Photos
 YouTube
 Video
 Share

Media Contact: [Emma Macmillan](#)  
Communications and Media Relations

### Gerald A. Tuskan named Forest Biotechnologist of the Year

OAK RIDGE, Tenn., Feb. 3, 2012 — Jerry Tuskan, Oak Ridge National Laboratory Distinguished Scientist in the BioSciences Division, has been named Forest Biotechnologist of the Year by the Institute of Forest Biotechnology (IFB).

His peers within the Forest Biotechnology Partnership, an international group of forestry and biotechnology professionals, selected Tuskan as the fourth scientist to win this award, which recognizes the forest biotechnologist who best exemplifies responsible uses of forest biotechnology and actively promotes science, dialogue and stewardship through their work.

According to his peers, Tuskan was nominated because of his leadership, long-term vision and vast scientific knowledge of forest biotechnology.

"Jerry exemplifies the ability to connect social need with original science in this field," said Adam Costanza, president of IFB. "He clearly cares about the future of our world's forests. Even while fostering ground-breaking genomic work in one tree species, he is communicating the benefits of forest biotechnology to government agencies and scientists around the world."

Tuskan co-leads DOE's plant microbe interaction scientific focus area and leads the Populus portion of the Biomass Formation Activity for DOE's BioEnergy Science Center. His research interests included genetic advancement of Populus and other woody crops in the deployment of biomass cropping systems for energy.

In 2006, Tuskan led the International Populus Genome Consortium in sequencing, assembling, annotating and publishing the Populus genome, which has been cited more than 1,000 times over the past five years. Tuskan has more than 120 publications in the areas of genetics and genomics of perennial plants, including 45 publications with nearly 800 citations that exclusively relate to biotechnology, biomass production and bioenergy.

Tuskan earned his doctorate in genetics from Texas A&M University, master's in forest genetics from Mississippi State University and bachelor's in forest management from Northern Arizona University.

ORNL is managed by UT-Battelle for the Department of Energy's Office of Science.



Jerry Tuskan has been named Forest Biotechnologist of the Year by his peers. ([high-res image](#))

## News & Features

- News Releases
- Features
- VIDEO News Coverage
- RSS News Feed
- Podcast of Audio News

## ORNL Review



- Disruptive materials
- Nanotech toolbox
- Growing graphene
- Materials for measuring the universe
- Something new under the sun

Security Notice · Internal Users · Plug-ins · DOE · Oak Ridge · UT-Battelle



Office of Science

# Plant Systems Biology

Home

Staff

Beth Bailey  
Anne Borland  
Anthony Bryan  
Jay Chen  
Olaf Czarnecki  
Henrique C De Paoli  
Nancy Engle  
Lee Gunter  
Sara Jawdy  
Udaya Kalluri  
Jessy Labbé  
Madhavi Martin  
Zackary Moore  
Wellington Muchero  
Raja Payyavula  
Priya Ranjan  
Tim Tschaplinski  
Gerald Tuskan  
Juan Wang  
David Weston  
Jun Yang  
Xiaohan Yang  
Hengfu Yin  
Student Interns  
Group Alumni

Research

Monthly Newsletter

Science Highlights

Photo Gallery

DOE BioEnergy Science Center

International *Populus* Genome Consortium

## Gerald A. Tuskan

Distinguished Scientist [GROUP LEADER]

Ph.D., Genetics, Texas A&M University, 1984

M.S., Forest Genetics, Mississippi State University, 1980

B.S., Forest Management, Northern Arizona University, 1978

### Research Interests:

Genetic basis of tree growth and development with emphasis on biomass accumulations, carbon allocation and cell wall chemistry

*Populus* genomics - assembly of the draft sequence, comparative genomics and functional gene identification

Short-rotation woody crop silvicultural systems

### Recent Publications:

A. Geraides, S. P. DiFazio, G. T. Slavov, P. Ranjan, W. Muchero, J. Hannemann, L. E. Gunter, A. M. Wymore, C. J. Grassa, N. Farzaneh, I. Porth, A. D. McKown, O. Skyba, E. Li, M. Fujita, J. Klápště, J. Martin, W. Schackwitz, C. Pennacchio, D. Rokhsar, M. C. Friedmann, G. O. Wasteney, R. D. Guy, Y. A. El-Kassaby, S. D. Mansfield, Q. C. B. Cronk, J. Ehling, C. J. Douglas, G. A. Tuskan. 2013. A 34K SNP genotyping array for *Populus trichocarpa*: Design, application to the study of natural populations and transferability to other *Populus* species. *Molecular Ecology Resources*.

Porth I, Klápště J, Skyba O, Lai BSK, Geraides A, Muchero W, Tuskan GA, Douglas CJ, El-Kassaby YA, Mansfield SD. 2012. *Populus trichocarpa* cell wall chemistry and ultrastructure trait variation, genetic control and genetic correlations. *New Phytologist*

Jung, S., Foston, M., Kalluri, U. C., Tuskan, G. A., and A. J. Ragauskas. 2012. 3D chemical image using TOF-SIMS revealing biopolymer component spatial and lateral distributions in biomass. *Angew. Chem. Int. Edit.* DOI: 10.1002/anie.201205243

Abraham, P., Giannone, R., Adams, R., Kalluri, U., Tuskan, G., and R. Hettich. 2012. Putting the pieces together: High-performance LC-MS/MS provides network-, pathway-, and protein-level perspectives in *Populus*. *Mol. Cell. Proteom.* DOI: 10.1074/mcp.M112.022996

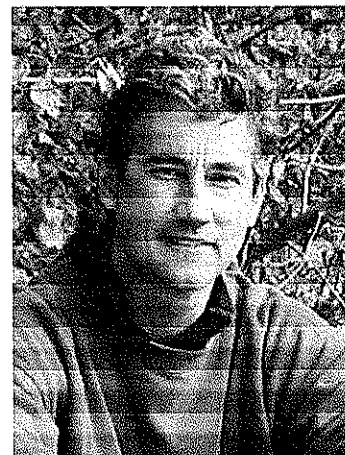
Stan D. Wullschlegel, D.J. Weston, S.P. DiFazio, and G.A. Tuskan. 2012. Revisiting the sequencing of the first tree genome: *Populus trichocarpa*. *Tree Physiology*

Slavov GT, DiFazio SP, Martin J, Schackwitz W, Muchero W, Rodgers--Melnick E, Lipphardt MF, Pennacchio CP, Hellsten U, Pennacchio LA, Gunter LE, Ranjan P, Vining K, Pomraning KR, Wilhelm LJ, Pellegrini M, Mockler TC, Freitag M, Geraides A, El Kassaby YA, Mansfield SD, Cronk QCB, Douglas CJ, Strauss SH, Rokhsar D, Tuskan GA. 2012. Genome resequencing reveals multiscale geographic structure and extensive linkage disequilibrium in the forest tree *Populus trichocarpa*. *New Phytologist* DOI: 10.1111/j.1469--8137.2012.04258.x

Guo, J., Morrell-Falvey, J., Labbé, J., Muchero, W., Kalluri, U., Tuskan, G., and J.-G. Chen. 2012. Highly efficient isolation of *Populus mesophyll* protoplasts and its application in transient expression assays. *PLoS ONE* 7: e44908.

Weston DJ, Pelletier DA, Morrell-Falvey JL, Tschaplinski TJ, Jawdy SA, Lu TY, Allen SM, Karve A, Melton SJ, Martin MZ, Schadt CW, Chen JG, Yang X, Doktycz MJ, Tuskan G. 2012. *Pseudomonas fluorescens* induces strain-dependent and strain-independent host plant responses in defense networks, primary metabolism, photosynthesis and fitness. *Molecular Plant-Microbe Interactions*, 25: 765-778.

Bennetzen, JL, Schmutz, J, Wang, H, Percifield, R, Hawkins, J, Pontaroli, AC, Estep, M, Feng, L, Vaughn, JN, Grimwood, J, Jenkins, J, Barry, K, Lindquist, E, Hellsten, U, Deshpande, S, Wang, X, Wu, X, Mitros, T, Triplett, J, Yang, X, Ye, CY, Mauro-Herrera, M, Wang, L, Li, P, Sharma, M, Sharma, R, Ronald, PC, Panaud, O, Kellogg, EA, Brutnell, T, Doust, A, Tuskan, GA, Rokhsar, D,



Biosciences Division  
Oak Ridge National Laboratory  
Telephone : (865) 576-8141  
Email : gtk@ornl.gov

Devos KM. 2012. Full genome sequence analysis of the model plant *Setaria*. *Nat. Biotech.* 30 (6):555--561.

Induri, BR, Ellis, DR, Slavov, GT, Yin, T, Zhang, X, Muchero, W, Tuskan, GA, DiFazio, SP. 2012. Identification of quantitative trait loci and candidate genes for cadmium tolerance in *Populus*. *Tree Physiol* 32(5): 626--638.

GA Tuskan, S DiFazio, P Faivre-Rampant, M Gaudet, A Harfouche, V Jorge, JL Labbé, P Ranjan, M Sabatti, G Slavov, N Street, TJ Tschaplinski, T Yin. The obscure events contributing to the evolution of an incipient sex chromosome in *Populus*: a retrospective working hypothesis (2012) *Tree Genome and Genetics*: DOI 10.1007/s11295-012-0495-6

Ye, X, S Yuan, H Guo, F Chen, GA Tuskan, Z--M Cheng. 2012. Evolution and divergence of the poplar gene family encoding xyloglucan endotransglycosylase/hydrolases in the coding and promoter regions. *Tree Genet Genom* 8(1):177--194.

Tisserant, E, Kohler A, Dozolme--Seddas P, Balestrini R, Benabdellah K, Colard A, Croll D, Da Silva C, Gomez SK, Kouil R, Ferrol N, Fiorilli V, Formey D, Franken P, Helber N, Hijri M, Lanfranco L, Lindquist E, Liu Y, Malbreil M, Morin E, Poulain J, Shapiro H, van Tuinen D, Waschke A, Azcón--Aguilar C, Bécard G, Bonfante P, Harrison MJ, Kuster H, Lammers P, Paszkowski U, Requena N, Rensing SA, Roux C, Sanders IR, Shachar--Hill Y, Tuskan G, Young JP, Gianinazzi--Pearson V, Martin F. 2012. The transcriptome of the arbuscular mycorrhizal fungus *Glomus intraradices* (DAOM 197198) reveals functional trade offs in an obligate symbiont. *New Phyto.* 193(3):755--769.

Abraham, P, Adams, R, Giannone, R, Kalluri, U, Ranjan, P, Erickson, B, Shah, M, Tuskan, G, Hettich, R. 2012. Defining the boundaries and characterizing the landscape of functional genome expression in vascular tissues of *Populus* using shotgun proteomics. *J Proteome Res* 11(1):449--460.

## My Curriculum Vitae

### Plant Systems Biology

Monthly Newsletter  
Science Highlights

### Staff

Beth Bailey  
Anne Borland  
Anthony Bryan  
Jay Chen  
Olaf Czarnocki  
Henrique C De Paoli  
Nancy Engle  
Lee Gunter  
Sara Jawdy  
Udaya Kalluri  
Jessy Labbé  
Madhavi Martin  
Zackary Moore  
Wellington Muchero  
Raja Payyavula  
Priya Ranjan  
Tim Tschaplinski  
Gerald Tuskan  
Juan Wang  
David Weston  
Jun Yang  
Xiaohan Yang  
Hengfu Yin  
Student Interns  
Group Alumni

### Research

A Functional Genomics Approach to Altering Crown Architecture in *Populus*: Maximizing Carbon Capture in Trees Grown in Dense Plantings  
Environmental Influences on Wood Chemistry and Density of *Populus* and Loblolly Pine  
Genetic and Environmental Controls on Carbon Allocation and Chemical Partitioning in Woody Plants: Implications for Terrestrial Ecosystems  
Genome-Enabled Discovery of Carbon Sequestration Genes in Poplar  
Genomic Characterization of Belowground Ecosystem Responses to Climate Change  
Ecosystem Genomics - An Emerging Opportunity for Environmental Research  
Metabolic Profiling: A Required Element in Functional Genomics

### Links

Photo Gallery  
DOE BioEnergy Science Center  
International *Populus* Genome Consortium  
ORNL  
Disclaimers