# CAFS Post Docs

| CAFS Phase | CAFS Project # | Post-Doc | CAFS Project Title | CAFS Mentor(s) | University | Name | Dates | Hired by member? | Current Employer |
|---|---|---|---|---|---|---|---|---|---|
| I | 12.39 | Melissa Pisaroglo de Carvalho | Modelling tree-to-tree competition in Forest Trials to Understand its Mechanisms | Gezan | FL | Melissa Pisaroglo de Carvalho | 2013 - | N/A | |
| I | 9.16 | Finto Antony | Integrating Wood Quality Predictions into Growth and Yield Models for Evaluating Advanced Genotypes and Silvicultural Responses | Daniels | GA | Finto Antony | | N/A | UGA |
| I | 13.34 | Mohammad Bataineh | Individual tree response to commercial thinning in Maine: Influence of competition, site, and treatment regime | Wagner | ME | Dr. Mohammad Bataineh | 2011 – 2013 | N/A | |
| I | 10.32 | Mathew Olson | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Wagner | ME | Dr. Mathew Olson | 2009 - 2010 | No | Missouri Dept. of Conservation |
| I | 9.1 | Rongxia Li | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Weiskittel | ME | Dr. Rongxia Li | 2009 - 2011 | No | Center for Disease Control |
| I | 9.1 | Erin Simons | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Weiskittel | ME | Dr. Erin Simons | 2010 - Present | N/A | |
| I | 10.33 | Jose Zerpa | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Fox | VT | Jose Zerpa | 4/2008-12/2011 | Y | GreenWood Resources |
| I | 10.33 | Chris Kiser | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Fox | VT | Chris Kiser | 1/2012 to present | N | Abraham Baldwin Agricultural College |
| I | FPC | Christine Blinn | Application of Remote sensing to loblolly pine management in the South | Fox | VT | Christine Blinn | 1/2008 to 12/2011 | N | VT |
| I | 9.22 | Nick Vaughn | Remote Sensing for Measuring and Monitoring the Response of Plantations to Intensive Management | Moskal | WA | Nick Vaughn | 1/2013 to present | N | USDA Forest Service |
| I | 9.22 | Guang Zheng | Remote Sensing for Measuring and Monitoring the Response of Plantations to Intensive Management | Moskal | WA | Guang Zheng | 3/2013 to present | N | Professor, Nanjing University |
| I | 9.19 | Kim Littke Hanft | Understanding Site-Specific Factors Affecting the Nutrient Demands and Response to Fertilizer by Douglas-fir | Harrison | WA | Kim Littke Hanft | 6/2012 to present | Y | Currently CAFS Site post doc, Port Blakely Tree Farms Intern 6/2012 to 6/2103 |
| I | 10.24 | Rapeepan Kantavichai | Biomass growth and yield of intensively managed Coastal Douglas-fir plantations | Briggs | WA | Rapeepan Kantavichai | 2012 to present | N | Auburn University post doc |
| II | 17.7 | Arun Bose | The Rise of Commercially Less Desirable Species in Maine: Identification, Characterization, and Associated Driving Factors: Bose et al. | Wagner/Weiskittel | ME | Arun Bose | 2015-2018 | N | |
| II | 18.71 | Josh Puhlick | Development of small tree growth and survival equations for the commercially important species in the Acadian Region | Weiskittel | ME | Josh Puhlick | 2018 – Present | N | |
| II | 18.72 | Cen Chen | Modeling the influence of Spruce Budworm on Forest Productivity | Weiskittel | ME | Cen Chen | 2018 – Present | N | |
| II | 16.65 | Christian Kuehne | Understanding and modeling competition effects on tree growth and stand development across varying forest types and management intensities | Weiskittel | ME | Christian Kuehne | 2016 – Present | N | |
| II | 14.49 | Matthew Sumnall | Use of airborne laser scanning to determine crown dimensions of individual trees in study | Fox | VT | Matthew Sumnall | 2017-2018 | Y | |
| II | 16.67 | Mary Ridout | Improving White Pine Seedling Survival by Combining Blister Rust Resistance with Defense-enhancing Endophytes | Newcombe | ID | Mary Ridout | Postdoc | | |
| III | 19.76 | Jaslam Poolakkal | Assessing and mapping regional variation in site carrying capacity | Kimsey | ID | | | | |
| III | 20.78 | Andrei Toca | Intraspecific hydraulic responses of commercial tree seedlings to nursery drought conditioning | Jacobs/Nelson | PU/ID | | | | |
| III | 20.79 | Kasey Legaard | Multi-regional evaluation of new machine learning algorithms for mapping tree species distribution and abundance | Weiskittel | ME | | | | |
| III | 21.87 | Andrew Trlica | Linking leaf area index and remote sensing across different forest types | Cook | NC | | | | |
| III | 24.107 | Sukhyun Joo | Using Small Area Estimation and 3D-NAIP/Sentinel-derived Variables for Multivariate Prediction of Stand Attributes | Temesgen | OR | | | | |

# CAFS Graduate Students

| CAFS Phase | CAFS Project # | CAFS Project Title | Major Professor(s) | University | Student Name | Degree | Completion Date | Thesis Title | Hired By Member | Current Employer if known |
|---|---|---|---|---|---|---|---|---|---|---|
| I | 8.01 | Developing Varietal Precision Silvicultural Regimes in Pine and Hardwood Plantations Based on Crown Ideotype | Allen | NC | Cristian Montes | PhD | May-12 | A Resource Driven Growth Model for Loblolly PIne | Y | Bioforest |
| I | 8.01 | Developing Varietal Precision Silvicultural Regimes in Pine and Hardwood Plantations Based on Crown Ideotype | Michler | PU | Kejia Pang | PhD | Dec-13 | | | |
| I | 8.01 | Developing Varietal Precision Silvicultural Regimes in Pine and Hardwood Plantations Based on Crown Ideotype | Fox | VT | Marco Yanez | PhD | May-14 | Ecophysiology of clonal loblolly pine planted in diverse edaphic and climatic conditions in the southern US and Brazil | | |
| I | 8.01 | Developing Varietal Precision Silvicultural Regimes in Pine and Hardwood Plantations Based on Crown Ideotype | Fox | VT | Laura Hopkins | PhD | May-16 | Soil and below ground processes | | |
| I | 8.03 | Effects of Site and Genetics on Douglas-fir Growth, Stem Quality, and Adaptability | Howe | OR | Lauren Magalska | MS | Dec-11 | Identifying site characteristics important for explaining variation in Douglas-fir site productivity and stem form | | |
| I | 8.04 | Flowering Control in Fine Hardwood Trees | Pijut | PU | Ying Wang | PhD | May-13 | | | |
| I | 8.08 | Developing Growth and Yield Predictions for Diverse Genotypes and Silvicultural Practices | Burkhart | VT | Charles Sabatia | PhD | May-11 | Stand dynamics, growth, and yield of genetically enhanced loblolly pine (Pinus taeda L.) | N | Scion |
| I | 9.09 | Developing Growth and Yield Predictions for Enhanced Genotypes | Borders | GA | Sammy Yatich | PhD | Aug-09 | Diameter distribution prediction models for thinned slash and lobolly pine plantations in the Southeast. | N | |
| I | 9.09 | Developing Growth and Yield Predictions for Enhanced Genotypes | Borders | GA | Roberto Volfovicz | PhD | Aug-11 | Modeling the limiting size-density relationship of lobolly pine (Pinus taeda L.) plantations | ? | |
| I | 9.09 | Developing Growth and Yield Predictions for Enhanced Genotypes | Borders | GA | Sudip Shrestha | PhD | Dec-14 | Field and modeling approaches for estimating individual tree biomass | | |
| I | 9.09 | Developing Growth and Yield Predictions for Enhanced Genotypes | Borders | GA | Stephen Kinane | MS | Aug-14 | Factors affecting yield estimation from plantations established with enhanced genotypes | | |
| I | 9.1 | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Weiskittel | ME | Matt Russell | PhD | Jun-12 | Modeling individual tree and snag dynamics in mixed-species Acadian Forest | No | University of Minnesota |
| I | 9.1 | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Wagner | ME | Andrew Nelson | PhD | Jul-13 | Production ecology and stand dynamics of young Acadian forest stands in response to silvicultural intensity and compositional objectives | No | University of Arkansas |
| I | 9.1 | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Wagner | ME | Ben Rice | PhD | Oct-13 | Effects of nonselective partial harvesting in Maine's working forests | Yes | Landvest |
| I | 9.1 | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Wagner | ME | Andrew Nelson | MS | Dec-09 | Spatial Ecology and Compositional Management of American Beech and Sugar Maple Regeneration in Maine. M.S. thesis, University of Maine | No | University of Arkansas |
| I | 9.1 | Refinement of Regional Growth and Yield Models for Naturally-Regenerated, Mixed Species Stands in the Northeast | Weiskittel | ME | Baburuam Rijal | MS | Jan-12 | Individual tree diameter and height allometric equations in the Acadian Forest | No | PhD Student, Quebec |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Derrick Dougherty | PhD | Aug-14 | Characterization of yield, above-ground carbon allocation, growth efficiency, and nitrogen use efficiency of half-sib, full-sib and varietal Pinus taeda genotypes grown at two densities | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Umesh Chaudhari | PhD | Dec-14 | Approaches to incorporating market uncertainties and risk into financial analysis of loblolly pine plantations | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Stephen Purvis | MS | May-09 | Impacts of silvicultural practices on within-stand variability of loblolly pine (Pinus taeda) plantations | Y | Weyerhaeuser |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | M. Ryan Mayo | MS | May-10 | Impacts of silvicultural treatments on hardwood development and total stand productivity in loblolly pine (Pinus taeda) plantations in the Upper Coastal Plain and Piedmont | Y | Rayonier |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Santosh Subedi | MS | Aug-11 | Effect of cultural intensity and planting density on aboveground biomass accumulation and allocation of 12-year-old loblolly pine trees growing in the Upper Coastal Plain and Piedmont of Alabama and Georgia | N | VT |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Madison Akers | MS | Dec-11 | Effects of planting denisty and cultural intensity on individual tree- and stand-level crown, stem and growth characteristics on non-thinned and thinned loblolly pine plantaions at ages 12 and 13 and during the 13th growing season in the Upper Coastal Plain and Piedmont of the southeastern U.S. | CAFS Site | GA |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Evan Johnson | MS | Aug-13 | Cultural intensity and planting density effects on individual tree-stem growth, stand and crown attributes, and stand dynamics of non-thinned and thinned loblolly pine plantations during the age 12- to 15-year period in the Upper Coastal Plain and Piedmont of the Southeastern United States | Y | Hancock Timber Management |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | David Garrett | MS | Dec-13 | Factors affecting loblolly pine plantation response to intensive culture in the Piedmont/Upper Coastal Plain through age 12 | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Zachary Clark | MS | Aug-14 | Understory vegetation dynamics in loblolly pine stands as affected by site, planting density, and cultural regime | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | Tyler Lock | MS | Aug-15 | Cultural intensity and planting density effects on individual tree-stem growth, stand and crown attributes, and stand dynamics of non-thinned and thinned loblolly pine plantations during the age 12- to 17-year period in the Upper Coastal Plain and Piedmont of the Southeastern United States | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Kane | GA | John Perren | MS | Aug-15 | Production dynamcis in mid-rotation lobolly pine stands | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Eric Sucre | PhD | Dec-08 | Soil resource heterogeneity as site quality in a southern Appalachian hardwood forest. | Y | Weyerhaeuser |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Bradley Miller | PhD | May-09 | Long-term effects of P fertilization on P availability in a loblolly pine plantation | N | US EPA |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox/Seiler | VT | Jeremy Stovall | PhD | May-10 | Ecophysiology of clonal loblolly pine in the South | N | Stephen F. Austin State University |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Eduardo Arellano | PhD | May-10 | Effects of fertilization with biosolids on a loblolly pine plantation in the Virginia Piedmont. | N | Ponteficia Universidad Catolica de Chile |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Claudia Cotton | PhD | May-10 | Developing a GIS based model of upland hardwood forest site quality and productivity for the Southern Appalachians` | Y | USD Forest Sevice |

# CAFS Graduate Students

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|---|---|---|---|---|---|---|---|---|---|---|
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox/Flinn | VT | Aejandra Lara-Chavez | PhD | Aug-10 | Somatic embryogenesis in southern and tropical pine species: loblolly pine, longleaf pine and Oocarpa pine. | N | VT |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Chris Kiser | PhD | Dec-11 | Soil nutreint availability in loblolly pine following fertilization and irrigation | N | Abraham Baldwin Agricultural College |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox/Strahm | VT | Kevan Minnick | PhD | May-13 | Soil organic matter processes in a loblolly pine/switchgrass system | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Santosh Subedi | PhD | May-14 | Developing a fertility rating system for use in the 3PG Process Model for loblolly pine | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Andy Laviner | PhD | May-15 | Physiological response of loblolly pine to induced water stress in a throughfall exclusion study | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Aaron Pratt | MS | Dec-12 | The effectiveness of streamside management zones for protecting water quality following forestland application of biosolids | Y | USDA Forest Service |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox/Strahm | VT | Lara Nichols | MS | May-13 | Low molecular weight organic compounds and their influece on soil respiration in a loblolly pine/switchgrass system | | |
| I | 9.13 | Developing Improved Understanding of Relationships between Stand Response to Thinning and Post-thinning Treatments | Fox | VT | Percy Monticenos | MS | Dec-13 | Growth reponse of clonal loblolly pine in Brazil to stand dendisty and silviculture intensity | | |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Allen, Wentworth | NC | Clay Jackson | PhD | May-08 | Assessing Species Composition in Second Growth and Old Growth Rich Coves of the Southern Appalachians | N | US Army National Guard |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | King, Allen | NC | Lingli Lui | PhD | Dec-08 | Effects of Litter Production, Biochemistry and Plant Community Composition on Carbon and Nutrient Cycling under Elevated Carbon Dioxide and Tropospheric Ozone. | N | EPA |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Allen, McKeand | NC | Jesus Espinosa | PhD | May-09 | Genetic and Nutritional Effects on Stem Sinuosity in Loblolly Pine. | CAFS Site | NC |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Allen | NC | Jose Zerpa | PhD | May-10 | Effects of Forest Floor Retention and Incorporation on Soil Nitrogen Availability in a Regenerating Pine Plantation. | Y | GreenWood Resources |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Allen | NC | Jose Alvarez | PhD | May-10 | Factors Affecting Growth of Pinus radiata in Chile. | CAFS Site | NC |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Goldfarb | NC | Patrick Cumbie | PhD | May-10 | Association Genetics for Growth, Carbon Isotope Discrimination and Stem Quality in Loblolly Pine | Y | ArborGen |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Stape, Allen | NC | Rachel Cook | PhD | May-12 | Long-term Effects of Forest Plantations on Soil Carbon in Brazil | N | Southern Illinois University |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Stape, Allen | NC | Omar Carrero | PhD | Aug-12 | Effects of intensive Silviculture on the Productivity of Eucalyptus in Venezuelan Llanos and a Probabilistic Analysis of its Profitability | | |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Stape | NC | Yuan Feng | PhD | May-15 | Soil Carbon | | |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Stape | NC | Ryan Heiderman | MS | May-13 | Examining Site Productivity and Fertility When Intercropping Miscanthus and Loblolly Pine | N/A | |
| I | 9.14 | Evaluation of the Potential Productivity of Loblolly Pine in Southeastern US using a Twin-Plot Approach across Geological-Climatic Gradients | Stape | NC | Kevin Hall | MS | Dec-14 | Eucalyptus Growth and Yield | | |
| I | 9.16 | Integrating Wood Quality Predictions into Growth and Yield Models for Evaluating Advanced Genotypes and Silvicultural Responses | Schimleck | GA | Christian Mora | PhD | Aug-09 | Rapid techniques for screening wood properties of forest plantations | N | |
| I | 9.16 | Integrating Wood Quality Predictions into Growth and Yield Models for Evaluating Advanced Genotypes and Silvicultural Responses | Daniels | GA | Finto Antony | PhD | Aug-10 | Modeling wood properties of loblolly pine (Pinus taeda L.) growing in southern United States. | GA CAFS Site | |
| I | 9.19 | Understanding Site-Specific Factors Affecting the Nutrient Demands and Response to Fertilizer by Douglas-fir | Harrison | WA | Kim Littke Hanft | PhD | Aug-12 | The effects of biogeoclimatic properties on water and nitrogen availability and Douglas-fir growth and fertilizer response in the Pacific Northwest | CAFS Site | |
| I | 9.19 | Understanding Site-Specific Factors Affecting the Nutrient Demands and Response to Fertilizer by Douglas-fir | Harrison | WA | Christiana Dietzen | PhD | May-17 | | | |
| I | 9.19 | Understanding Site-Specific Factors Affecting the Nutrient Demands and Response to Fertilizer by Douglas-fir | Harrison | WA | Austin Himes | MS | May-12 | Risk to long-term site productivity due to whole-tree harvesting in the coastal Pacific Northwest | | GreenWood Resources |
| I | 9.19 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Harrison | WA | Betsy Vance | MS | Jun-13 | Investigating the ecological requirements of Hackelia venusta: an examination of the soils and their potential influence on the limited distribution of one of Washington States most endangered species | N | Private Consultant |
| I | 9.19 | Understanding Site-Specific Factors Affecting the Nutrient Demands and Response to Fertilizer by Douglas-fir | Harrison | WA | Jason James | MS | Dec-14 | | | |
| I | 9.22 | Remote Sensing for Measuring and Monitoring the Response of Plantations to Intensive Management | Moskal | WA | Guang Zheng | PhD | Jun-11 | Retrieval of leaf area index and tree crown parameters using terrestrial laser scanning | | |
| I | 10.24 | Biomass growth and yield of intensively managed Coastal Douglas-fir plantations | Briggs | WA | Rapeepan Kantavichai | PhD | Jun-12 | Effect of climate and thinning on coastal Douglas-fir annual biomass growth at four sites | N | Auburn University post doc |
| I | 10.24 | Biomass growth and yield of intensively managed Coastal Douglas-fir plantations | Turnblom | WA | Nai Saetern | MS | Jun-12 | Multiple Regression Inference of Yield for Douglas-fir Plantations in the Pacific Northwest | N | |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trial | Martin | UF | Carlos Gonzalez | Postdoc | NA | NA | NA | UF |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trial | Jokela | UF | Tania Quesada | Postdoc | NA | NA | | UF |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trial | Jokela | UF | Praveen Subedi | PhD | Aug-17 | TBD | NA | |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trials | Martin | UF | Angelica Garcia | MS | Aug-13 | Variation in biomass distribution and nutrient content in loblolly pine clones with contrasting crown architecture and growth efficiency | N | UF |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trials | Jokela | UF | Praveen Subedi | MS | Aug-13 | Inter-rotational effects of fertilizer and weed control treatments on productivity and soil nutrient availability of loblolly pine stands in north Florida | NA | |
| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trials | Martin | UF | Maxwell Wightman | MS | Dec-13 | Response of loblolly pine to throughfall diversion and fertilization | NA | |

# CAFS Graduate Students

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| I | 10.25 | Scaling Competitive Dynamics from the Individual to the Stand Using Clonal and Full-Sib Family Block Trials | Jokela | UF | Chelsea Drum | MS | Dec-13 | Impacts of intensive management and genetic improvement on soil CO2 efflux and carbon cycling in managed loblolly pine forests | NA | |
| I | 10.26 | Select endophytes for improvements of growth and disease resistance in forest trees | Newcombe | ID | Mary Ridout | PhD | May-13 | Functional significance of endophyte communities from a conifer forest | No | University of Idaho |
| I | 10.28 | Genetic Architecture of Growth, Disease Resistance and Wood Quality Traits in Loblolly Pine | Peter | UF | Patricio Munoz | PhD | Dec-13 | Molecular marker enhanced breeding | N | UF |
| I | 10.28 | Genetic Architecture of Growth, Disease Resistance and Wood Quality Traits in Loblolly Pine | Peter | UF | Alejandro Riveros-Walker | PhD | May-14 | Genetics of wood properties in juvenile loblolly pine | NA | |
| I | 10.29 | Testing systemic insecticides against multiple seed orchard pests commonly present in the intermountain west | Cook | ID | Ben Sloniker | MS | Dec-12 | Leptoglossus occidentalis Heidemann (Heteroptera, Coreidae) : selection and suitability among selected hosts produced in conifer seed orchards | | Anatek Labs, Inc. |
| I | 10.31 | Early Genetic Selection for Wood Stiffness in Douglas-fir and Western Hemlock | Howe | OR | Oguz Urhan | MS | May-13 | Genetic improvement of wood stiffness in young Douglas-fir and western hemlock | | |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Wagner | ME | Matt Olson | PhD | Nov-09 | Spatial and temporal patterns of tree regeneration in the Acadian forest of central Maine | No | Missouri Dept. of Conservation |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Seymour | ME | Chris Guiterman | MS | Oct-09 | The Influences of Conventional and Low-density Thinning on Leaf Area, Growth, and Growing Space Relationships of Eastern White Pine (Pinus strobus L.) | No | University of Arizone Tree Ring Lab |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Benjamin | ME | Charles Coup | MS | Nov-09 | A Case Study for Assessing Operational and Silvicultural Performance of Whole-Tree Biomass Harvesting in Maine | No | Program Manager at Pennsylvania Sustainable Forestry Initiative |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Seymour | ME | Chris Zellers | MS | Aug-10 | Growth, lumber yield, and financial maturity of isolated archetype eastern white pine (Pinus strobus L.) trees | No | Purdue University |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Seymour | ME | Kate Zellers | MS | Aug-10 | Patterns of regeneration of eastern white pine (Pinus strobus L.) as influenced by large isolated crop trees and precommercial thinning | No | Purdue University |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Weiskittel | ME | Joe Pekol | MS | Jul-11 | Influence of commercial thinning on stand- and tree-level mortality patterns of balsam fir and red spruce forests in Maine with & without pre-commercial thinning | Yes | Rayonier |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Wagner | ME | Patrick Clune | MS | Jun-12 | Growth and development of Maine spruce-fir forests following commercial thinning | Yes | Hancock Timber Investments |
| I | 10.32 | Examining the influence of precommercial and commercial thinning in balsam fir and red spruce stands across Maine | Benjamin | ME | Patrick Heisel | MS | May-13 | Cycle Time Analysis of Harvesting Equipment for Early Commercial Thinning Treatments. | | MEaine PhD student |
| I | 10.33 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Fox | VT | Jay Raymond | PhD | Dec-14 | Determining uptake efficiency and environmental fate of N from enhanced efficiency N fertilizers labeled with N15 in loblolly pine in the Southern U.S. | | |
| I | 10.33 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Harrison | WA | Stephani Michelsen-Correa | PhD | May-16 | | | |
| I | 10.33 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Harrison | WA | Erin Burt | MS | May-15 | | | |
| I | 11.35 | Impact of genetic gain, weed control and spacing on wood stiffness, density, and knot index in a large-plot trial of Coastal Douglas-fir | Turnblom | WA | Nick Vaughn | PhD | Jun-11 | Towards the Accurate Identification of Individual Tree Species with Remote Sensing Data | N | USDA Forest Service |
| I | 11.35 | Impact of genetic gain, weed control and spacing on wood stiffness, density, and knot index in a large-plot trial of Coastal Douglas-fir | Turnblom | WA | Kevin Ceder | PhD | Sep-14 | Modeling Vegetation Dynamics in Young, Managed Douglas- fir Forests | N | Private Consultant |
| I | 11.35 | Impact of genetic gain, weed control and spacing on wood stiffness, density, and knot index in a large-plot trial of Coastal Douglas-fir | Harrison | WA | Paul Footen | MS | Jun-11 | The Effects of Previous Nitrogen Fertilization on Productivity and Soil Nitrogen and Carbon | N | WA DNR |
| I | 11.35 | Impact of genetic gain, weed control and spacing on wood stiffness, density, and knot index in a large-plot trial of Coastal Douglas-fir | Turnblom | WA | Maria Petrova | MS | Jun-11 | Improving ponderosa pine growth predictions in the southwest | N | USDA Forest Service |
| I | 11.35 | Impact of genetic gain, weed control and spacing on wood stiffness, density, and knot index in a large-plot trial of Coastal Douglas-fir | Turnblom | WA | Jed Bryce | MS | Jun-12 | Nonlinear approaches to predicting diameter of the largest limb at breast height in young, Douglas-fir (*Pseudotsuga menziesii* (Mirbel) Franco) plantations growing in the Pacific Northwest | N | Private Consultatnt |
| I | 12.37 | Determining phases of growth and relative stand densities for optimal response to thinning. | Coleman | ID | Christopher Chase | MS | May-15 | Resource availability in response to pre-commercial thinning across a range of stand density and productivity | Yes | Weyerhaeuser |
| I | 13.43 | Talens for directed genetic modification of poplar | Strauss | OR | Estefania Elorriaga | PhD | May-14 | | | |
| I | 13.46 | Linking growth modeling to product quality for loblolly pine | Dalhlen | GA | Alex Butler | MS | Dec-14 | Improving the evaluation and utilization of loblolly pine sawtimber logs by quantifying the stiffness and strength of lumber from intensively managed stands | | |
| I | 13.48 | Competing vegetation characterization and assessment in mid-rotation loblolly pine stands for the development of decision support tools: | Allen, Phelan | NC | Jessica Tisdale | MS | May-08 | Quantifying the effects of organic residues on soil nitrogen and phosphorus availability | N | State of NC |
| I | 13.48 | Competing vegetation characterization and assessment in mid-rotation loblolly pine stands for the development of decision support tools: | Allen, Nilsson | NC | Annika Altmae | MS | May-12 | The Effect of Retention Trees on the Growth of Norway Spruce | N | Stora Enso |
| I | 13.48 | Competing vegetation characterization and assessment in mid-rotation loblolly pine stands for the development of decision support tools: | Stape | NC | April Meeks | MS | May-14 | Modeling Competing Vegetation | | |
| I | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Erika Knight | MS | Jun-13 | Pools of Subsequent Stands of Douglas-fir Forests in the Pacific Northwest | N | Sealaska Corp |
| I | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Turnblom | WA | Andrea Watts | MS | Jun-13 | An examination of stand attributes and the presence of English holly in a Pacific Northwest forest | N | |
| I | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Turnblom | WA | Luyi Li | MS | Jul-15 | Douglas-fir Wood Quality in response to soil parent parent material and fertilization | | |
| II | 10.33 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Fox | VT | Jay Raymond | PhD | Jun-16 | | | |
| II | 10.33 | Use of Stable Isotopes to Trace the Fate of Applied Nitrogen in Forest Plantations to Evaluate Fertilizer Efficiency and Ecosystem Impacts | Fox | VT | A. Werner | MS | Jun-13 | | | |
| II | 13.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Abdulai Barrie | MS | | | | |
| II | 14.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Andrew Kennedy | MF | | | | |

# CAFS Graduate Students

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|---|---|---|---|---|---|---|---|---|---|
| II | 14.49 | Nitrogen release, tree uptake, and ecosystem retention in a mid-rotation loblolly pine plantation following fertilization with 15N-enriched enhanced efficiency fertilizers. | Fox | VT | M. Yanez | PhD | Jun-15 | | |
| II | 14.49 | Nitrogen release, tree uptake, and ecosystem retention in a mid-rotation loblolly pine plantation following fertilization with 15N-enriched enhanced efficiency fertilizers. | Fox | VT | E. Carbaugh | MS | Jun-15 | | |
| II | 15.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Cody LaChance | MS | | | |
| II | 15.62 | Quantifying the Impact of Pine Decline in the Southeastern United States | Eckhardt | AU | John Mensah | PhD | Jun-19 | | |
| II | 16.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Derek Brockman | MF | | | |
| II | 16.67 | Improving white pine seedling survival by combining blister rust resistance with defense-enhancing endophytes | Newcombe | ID | Maria Marlin | MS | May-18 | | |
| II | 16.68 | Response of superior western larch families to site quality and competition control | Nelson | ID | Kelsey Grover | MS | May-18 | | |
| II | 17.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Garth Dixon | MF | | | |
| II | 18.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Joel Tebbenkamp | PhD | | | |
| II | 18.72 | Modeling the influence of Spruce Budworm on Forest Productivity | Weiskittel | ME | Cen Chen | PhD | Dec-18 | | |
| II | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Kim Littke Hanft | PhD | | | |
| II | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Jason Cross | MS | | | |
| II | 18.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Stefani Correa | PhD | | | |
| II | 19.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Karin Bothwell | MS | | | |
| II | 19.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Cole Gross | MS | | | |
| II | 20.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Kyle Arvisais | MF | | | |
| II | 20.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Jason James | PhD | | | |
| II | 21.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Nathan Wesely | MS | | | |
| II | 21.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | John Kirby | PhD | | | |
| II | 22.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Patrick Clune | MS | | | Roseburg |
| II | 22.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Marcel Mangele | MS | | | |
| II | 23.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Rei Hayashi | MS | | | Green Diamond |
| II | 23.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Amelia Root | MS | | | |
| II | 24.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Sabrina Morano | PhD | | | |
| II | 24.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Eric Snoozy | MS | | | |
| II | 25.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Sheryn Olson | MS | | | |
| II | 25.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Fletcher Harvey | MS | | | |
| II | 26.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | Stephen Dunham | MS | | | |
| II | 26.73 | Aboveground Nutrient Biomass on LTSP Sites as influenced by Site, Harvest Removals, Weed Control, and Compaction | Harrison | WA | Pranjal Dwivdei | MS | | | |
| II | 27.44 | Individual-tree response to commercial thinning in northern Maine: Influence of including competition, site, and treatment regime in growth and yield models | Weiskittel | ME | William Schlager | MS | | | |
| II | 12.37 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | ID | Bhanu Bhattarai, M.S. | MS | Aug-15 | | |
| II | 12.38 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | ID | Lauren Sherman, M.S | MS | May-18 | | |
| II | 12.39 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | ID | Ah Lim Lee, M.S., Un | MS | Dec-17 | | |
| II | 12.40 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | ID | Jessica Sarauer, Ph.D. | PhD | May-18 | | |
| II | 12.41 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | ID | Eureka Joshi | PhD | Dec-20 | | |
| III | 21.9 | INTERN: Improving forest sample estimation through UAS canopy structure stratification | Kimsey | ID | Logan Wimme | MS | | | |
| III | 22.93 | UMaine INTERN | Weiskittel | ME | Ryan Smith | MS | | Yes | Seven Islands Land Company |
| III | 23.1 | Use of carbon isotopes for assessing tree response to thinning | Weiskittel/Premer | ME | Lila Beck | MS | | | |
| III | 20.8 | Using hyperspectral imaging to evaluate forest health risk | Couture/Jacobs | PU | Sylvia Park | PhD | | | |
| III | 21.85 | Variation in productivity, wood quality and soil carbon of nine conifer species across a gradient in water deficit | Gonzalez | OR | Emily Von Blon | MS | | | |
| III | 20.82 | Stand response to thinning: Enhancing response prediction through modeling | Weiskittel | ME | Bishnu Wagle | PhD | | | |

# CAFS Graduate Students

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| III | 20.81 | Resilience of soil organic matter to harvesting: A global study of long-term soil productivity experiments | Hatten | OR | Stephanie Winters | PhD |
| III | 21.85 | Variation in productivity, wood quality and soil carbon of nine conifer species across a gradient in water deficit | Gonzalez | OR | Erkan Babat | MS |
| III | 22.99 | The effects of dominant tree height definition on loblolly pine growth and yield model outputs | Bullock | GA | Caddis Fulford | MS |
| III | 23.101 | Site-stand dynamics and pine beetle mortality in ponderosa pine ecosystems | Kimsey | ID | Haley Anderson | PhD |
| III | 23.102 | Enhancing Resistance to Fungal Pathogens in Commercial Tree Seedlings | Newcombe | ID | Abby Ferson | PhD |

CAFS Undergraduate Students

| CAFS Phase | CAFS Project # | CAFS Project Title | Major Professor(s) | University | Student Name | Degree |
|---|---|---|---|---|---|---|
| II | 12.42 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | Idaho | Tim Gittsohn | BS |
| II | 12.43 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | Idaho | Briann Slothower | BS |
| II | 12.44 | Determining phases of growth and relative stand densities for optimal response to thinning | Coleman | Idaho | Gabrielle Hardin | BS |
| II | 12.45 | Determining phases of growth and relative stand densities for optimal response to thinning | Kimsey | Idaho | Kasey Danley | BS |
| II | 12.46 | Determining phases of growth and relative stand densities for optimal response to thinning | Kimsey | Idaho | Emily Mangini | BS |
| III | 21.92 | UMaine START | Rubert-Nason | University of Maine Fort Kent | Shane Tweedie | AA |
| III | 22.92 | UMaine START | Rubert-Nason | University of Maine Fort Kent | Gia Francis | AA |
| III | 23.92 | UMaine START | Rubert-Nason | University of Maine Fort Kent | Kyle Haney | AA |
| III | 24.92 | UMaine START | Rubert-Nason | University of Maine Fort Kent | Colter Mirtes | AA |