

**Dale Mendez Padelford**  
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## Education

**Columbia University**, School of General Studies  
Bachelor of Arts in Sustainable Development  
GPA 3.5/4.0

**New York, New York**  
May 2014

### Honors

Columbia University Dean's List  
Honors Society

Autumn 2010, Spring 2011  
Spring 2012

## Research Experience

### **Columbia University**

Fall 2013-Spring 2014

**Undergraduate Thesis**, "Relationships Between Criteria Air Pollutants and Temperature in New York City Microclimates"

- Designed and ran Spatial Analysis in ArcGis to Understand Relationships Between Summer Temperatures and Air Impurities in New York City using New York Community Air Survey Data
- Ran Statistical Analyses (linear and multivariate regressions) of Temperature, Pollutant Concentrations and Land Cover Using R

## Other Professional Qualifications

**Columbia Coding Bootcamp**, Fullstack Web Development

Summer 2018 – Winter 2018

**LEED AP BD + C** (v4), US Green Building Council (GBCI # 10935609)

Summer 2015

**Kane School for Core Integration**, Pilates Certification

Spring 2014

**YogaWorks 500hr TT**, Yoga Certification

Summer 2015

## Sustainability/Environmental Experience

**AJ Padelford and Son Inc.**, *Project Manager and Sustainability Associate*

Spring 2014 – Present

- Cost Estimation and Budgets for commercial development (e.g. Gelson's Market, Land Rover Dealership)
- Assist with Construction Project bid process for various projects
- Lead Construction Team Meetings on site for various projects
- Create Meeting Minutes, Construction Schedules (MS Project) and Work Logs
- Write and submit Requests for Information and Field Work Authorizations
- Generate a Compliance Review of Project CAL Green Criteria ahead of Final Inspection
- Conduct LEED Feasibility Studies for Various Projects
- Review of Site Plans and Related Construction Documents
- Review Site Conditions Assessments, Functional Test, Air Balance, and Commissioning Reports
- Complete Life Cycle Cost Assessments (LCCA) and Project Case Studies
- Maintaining a Sustainable Materials Inventory with Manufacturers, Sustainability Data and Costs
- Review Equipment and Materials Alternatives for Sustainable Design Strategy
- Create Information Resources for the Project Team

**New York Department of Parks and Recreation**, *Reforestation Intern*

Summer 2013

- Maintained database of reforestation contracts and tree valuations
- Digitized historical maps in ArcGIS
- Learned native and invasive plant biota of New York State
- Created polygons using GPS and ArcGIS of concern areas in need of invasive plant removal
- Compiled invasive plant species guide for Natural Resources Group employees

## Additional Work Experience

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### **YogaWorks, Pilates Instructor**

Autumn 2014-Present

- \* Teach single sessions and group classes for beginner, intermediate, mixed levels and special populations
- \* Create workouts and sessions towards client fitness or health goals
- \* Maintain client relationships

### **Chelsea Movements, Pilates Instructor**

Fall 2014-Winter 2015  
Current

- \* Coordinate clients and studio rental
- \* Create sessions to the individual requests of clients

### **Anthropologie, Sales Associate**

Fall 2011-Spring 2014

- \* Maintain organization of store
- \* Strong knowledge of merchandise and brand
- \* Sales, order fulfillment, restocking, excellent customer service

## Extracurricular Activities

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Columbia Ballet Collaborative, Columbia University	Autumn 2011-Spring 2012, Autumn 2013-Spring 2014
Columbia University Ballet Ensemble, Columbia University	Autumn 2013
Christians on Campus Columbia University	Spring 2013 – Winter 2013
Safe Horizon, Volunteer Kitchen Help	Autumn 2013 – Winter 2014
Coalition Against Hunger, Volunteer Data Entry	Spring 2013
Student Union for Sustainable Development, Columbia University	Autumn 2012

## Skills

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- Computer: Proficient in Microsoft Office Suite (including Excel and Outlook), Microsoft Project, ArcGIS, R, HTML, CSS, JavaScript, Node.js, Express, AJAX, React.js, Slack, MongoDB, MySQL
- Design: Basic skills in AutoCAD, Adobe Photoshop, Adobe Illustrator and InDesign
- Languages: Basic German and Spanish

## References

Zippora Karz 310. 924. 1153  
*Adjunct Professor at USC Kaufman School of Dance, formerly of New York City Ballet*

Beth Sparacino 212. 769. 9642  
*District Manager YogaWorks*

(additional available upon request)

