The Board of Governors for Truman State University met on Saturday, February 7, 2015, on the University campus in Kirksville, Missouri. The meeting was held in the Conference Room of the Student Union, and the open session of the meeting was called to order shortly after 1:00 p.m. by the Chair of the Board of Governors, Jim O’Donnell.

Participating in the meeting were all seven voting members: Sarah Burkemper, Cheryl J. Cozette, Karen Haber, Mike LaBeth, Jim O’Donnell, Susan Plassmeyer and Matthew W. Potter.

Also participating in the meeting were all three non-voting members. Kelly Kochanski, student representative, and David Lee Bonner, one of two out-of-state members, were present at the meeting. Michael A. Zito, the other out-of-state member, participated via conference call.

Call to Order and Chair Report
Jim O’Donnell, Chair of the Board of Governors, called the meeting to order and welcomed all in attendance.

Minutes for Open Session of Meeting on December 6, 2014
Sarah Burkemper moved the adoption of the following resolution:

BE IT RESOLVED that the minutes for the open session of the meeting on December 6, 2014, be approved.

The motion was seconded by Karen Haber and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted.

Recognition of 2014 Board Chair—Susan Plassmeyer
Jim O’Donnell expressed appreciation to Susan Plassmeyer for her exemplary service as Chair of the Board of Governors during the 2014 Calendar Year. Governor O’Donnell then presented Governor Plassmeyer with a framed gavel in recognition of her service.

June 2015 Board Meeting/Retreat
Jim O’Donnell noted that at the last meeting, a suggestion had been made that the June Board Meeting/Retreat be held at an off-campus location. Governor O’Donnell noted that one location for consideration would be Hannibal, Missouri, with the meeting/retreat to be held at the Mark Twain Boyhood Home and Museum. The Board was in favor of the suggestion, and Governor O’Donnell was asked to work with staff on the arrangements.

President’s Report
Dr. Troy D. Paino, University President, shared a selected engagements report summarizing his external and internal relations activities from December 6, 2014 through February 6, 2015. President Paino provided a brief legislative report, which included updates on the status of the state appropriations, a bonding bill that if passed would make long overdue investments in higher education in Missouri including more than $9.2 million in repair and renovation to Baldwin Hall, and his testimony before the House Appropriations Committee for Higher Education. He also reported on the recently held Truman Day at the Capitol event, and he expressed his appreciation to Cheryl J. Cozette for her participation. President Paino also thanked Cheryl Cozette and David Lee Bonner for their participation in the Association of American Colleges and Universities (AAC&U)
Centennial Symposium, an event focused on the value of a liberal arts education and how it ties to 21st century workforce needs. It was noted that Del Robison, the donor for the Planetarium and Multi-Media Theatre, passed away on January 28. The Board members were reminded of the March 2-3 Higher Learning Commission (HLC) accreditation visit. President Paino expressed appreciation to Truman’s HLC Leadership Team under the leadership of Dr. Karen Vittengl, Professor of Psychology, and he reminded the Board of their March 2nd luncheon with the visiting team. President Paino ended his remarks by engaging the Board in a discussion in regard to an action plan he unveiled at an All-University Meeting held on January 27, to which the Board expressed their support.

Annual Student Government Report
Drew Paulman and Molly Turner, President and Vice President of Student Government, provided the annual Student Government Report. Drew and Molly were joined by Student Government members Jessie Poole and Zach Hollstrom, who presented a report in regard to a proposed open housing policy.

Emergency Notifications Demonstration
Donna Liss, Chief Information Officer for Information Technology Services, and Tammy Roberts, Director of Administrative Computing, provided a demonstration of Truman’s multi-faceted emergency notification system, a system which includes automated email, text messages, desktop, classroom and digital signage notification options.

Finance and Auditing Committee Report
Sarah Burkemper, chair of the Finance and Auditing Committee, provided a report on the committee meeting held the morning of February 7.

Financial Report
Sarah Burkemper provided a review of the financial reports which included a review as of December 31, 2014, of education and general revenues and expenditures and auxiliary systems revenues and expenditures and a review as of December 31, 2014, of the Truman State University Foundation revenues and expenditures.

Resolution Authorizing the Offering for Sale of Housing System Refunding Revenue Bonds of Truman State University
Matthew W. Potter moved the adoption of the following resolution:

WHEREAS, Truman State University (the “University”) issued $16,365,000 principal amount of Housing System Revenue Bonds, Series 2006 (the “Series 2006 Bonds”), which are currently outstanding in the principal amount of $13,735,000; and

WHEREAS, the University desires to issue revenue bonds (the “Bonds”) for the purpose of refunding all of the outstanding Series 2006 Bonds (the “Refunded Bonds”); and

WHEREAS, the University has selected UMB Bank, n.a., Kansas City, Missouri, as financial adviser to the University for the Bonds (the “Financial Advisor”) and
Gilmore & Bell, P.C., St. Louis, Missouri, as bond counsel for the Bonds (the “Bond Counsel”);

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF GOVERNORS OF TRUMAN STATE UNIVERSITY, AS FOLLOWS:

Section 1. The approximately $12,075,000 principal amount of Bonds of the University shall be offered through a negotiated private sale through an investment banking firm (the “Underwriter”) to be selected by the Board of Governors based on the recommendation of the Financial Advisor.

Section 2. The Board of Governors hereby authorizes the Underwriter to offer the Bonds for sale and authorizes Bond Counsel and the Financial Advisor to proceed with the preparation of all legal proceedings necessary for the issuance, sale and delivery of the Bonds, including a Preliminary Official Statement relating to the Bonds. The Board of Governors hereby authorizes the University President and the Comptroller and Treasurer (the “Comptroller”), upon completion of the Preliminary Official Statement to their satisfaction, to provide the Underwriter with a letter or certification to the effect that the University deems the information contained in the Preliminary Official Statement to be “final” as of its date, except for the omission of such information as is permitted by Rule 15c2 12(b)(1), and to take such other actions or execute such other documents as such officers in their reasonable judgment deem necessary to enable the Underwriter to comply with the requirements of such Rule. The Board of Governors hereby consents to the use and public distribution of the Preliminary Official Statement in connection with the sale of the Bonds.

Section 3. The University President, Comptroller and the other officers and representatives of the University, the Financial Advisor and Bond Counsel are hereby authorized and directed to take such other action as may be necessary to carry out the offering for sale of the Bonds, including execution of a letter from the Underwriter acknowledging the receipt by the University of certain disclosures regarding the role of the Underwriter and other matters relating to an underwriting of the Bonds as required by Municipal Securities Rulemaking Board Rule G 17.

Section 4. The Bonds will be revenue obligations payable from the University’s Housing System Revenue Fund, and the moneys to be deposited into the Housing System Revenue Fund will include revenue received by the University from rentals, charges, fees, income and revenues derived and collected by the University from the operation and ownership of the housing system, including, but not limited to, student fees collected by the University and designated by the University for purposes of the housing system.
Section 5. This Resolution shall be in full force and effect from and after its passage by the Board of Governors.

ADOPTED by the Board of Governors on February 7, 2015.

The motion was seconded by Karen Haber and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted. It was then noted that the Board would meet by conference call at 10:00 a.m. on March 10, 2015, to proceed with Section 1 of the resolution noted above.

Academic and Student Affairs Committee Report
Cheryl J. Cozette, chair of the Academic and Student Affairs Committee, provided a report on the committee meeting held the morning of February 7.

Budget and Capital Projects Committee Report
Susan Plassmeyer, chair of the Budget and Capital Projects Committee, provided a report on the committee meeting held the morning of February 7.

Construction Projects Report
Susan Plassmeyer provided an update on construction projects which had been approved by the Board at previous meetings.

Contracts for Construction Projects and Equipment Purchases Report
Susan Plassmeyer reported that one single item of equipment totaling $25,000 to $100,000 had been approved since the last meeting of the Board.

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
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<tbody>
<tr>
<td>4-Wheel Drive Tractor with Snow Plow</td>
<td>$46,000</td>
</tr>
</tbody>
</table>

Architectural Services—Baldwin Hall Renovation Project
Susan Plassmeyer moved the adoption of the following resolution:

BE IT RESOLVED that the proposal from PGAV to provide architectural services for the Baldwin Hall Renovation Project, with the fees and work for such services to be within the guidelines of the proposal, be approved; and

BE IT FURTHER RESOLVED that the President of the University, or his designee, be authorized to execute a contract with the firm for the project; and

BE IT FURTHER RESOLVED that a copy of the proposal be attached to and made a part of the minutes for this meeting.

The motion was seconded by Cheryl J. Cozette and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted, and the Secretary designated a copy of the document as Exhibit A.
Board Policy Review Committee Report
Matthew W. Potter, chair of the Board Policy Review Committee, provided a report on the committee meeting held the morning of February 7.

Resolution amending Chapter 13 of the Code of Policies of the Board of Governors pertaining to Advancement – Naming Opportunities
Matthew W. Potter moved the adoption of the following resolution:

BE IT RESOLVED that Chapter 13 of the Code of Policies of the Board of Governors be amended by the addition of one new section to be known as Section 13.050, entitled Naming Opportunities, to read as follows:

13.050. Naming Opportunities. The exterior areas, landmarks, programs and interior spaces of the University may bear distinctive names which reflect outstanding contributions in keeping with the nature and mission of the University. The guidelines set out below will provide the criteria to be used and the approvals needed in naming such Exterior Areas, University Landmarks, University Programs and Interior Spaces in honor of individuals and Organizations.

1. Definitions:
   a. “Exterior Areas” shall mean University owned or leased buildings, locations, including open air spaces, and major facilities, such as arenas and stadiums, where the name is displayed on the outside of a structure or is easily viewable by the general public.
   b. “University Landmarks” shall mean statutes and other landmarks on or in University owned or leased property.
   c. “University Programs” shall mean programs of research or teaching, departments, faculties, schools, special lecture series, library collections of books or other materials, collections of art works and such other similar University activities and programs as the University may choose to recognize.
   d. “Interior Spaces” shall mean physical spaces such as, but not limited to, auditoriums, laboratories, class rooms, conference rooms, or special research, teaching, recreational, service or other similar facilities.
   e. “Organizations” shall mean foundations, trusts, not-for-profit entities, corporations or other legal entities.

2. Approvals. The naming of Exterior Spaces, University Landmarks, University Programs and Interior Spaces shall require the approval of the Board of Governors.

3. Guidelines. Names for Exterior Areas, University Landmarks, University Programs and Interior Spaces should enhance the public reputation of the University. In keeping with this
principle, names should be proposed and approved with the following guidelines in mind:

a. Faculty, staff members or Organizations who have rendered distinctive service to the University;
b. Graduates, former students, individuals such as members of the Board of Governors, or Organizations who have rendered distinctive service to the University;
c. Persons or Organizations dedicated to the purpose, nature and mission of the University who have achieved outstanding distinction through civic, intellectual or artistic contributions to the development of the area, state and nation or to Missouri history; and
d. Persons or Organizations who make or have made a substantial financial contribution toward the cost of the construction or renovation of the Exterior Area, University Landmark, University Program or Interior Area.

If named for a donor or a donor’s designee, the name should be based on the eminence of the donor or designee and the donor or designee’s relationship to the University as well as the significance of the gift.

4. **Duration of Name.** Naming of exterior Areas, University Landmarks, University Programs and Interior Spaces in honor of individuals or Organizations is generally expected to last the lifetime of the Exterior Area, University Landmark, University Program or Interior Area or so long as it remains in use and serves its original function. When the use or program has changed such as it must be discontinued, demolished, substantially renovated or rebuilt, the University may discontinue use of the name.

5. **Reservations.** The Board of Governors reserves the right to change or remove the name of an Exterior Area, University Landmark, University Program or Interior Area if it determines that the name is no longer in the best interests of the University.

The motion was seconded by Karen Haber and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted.

**Resolution amending Chapter 13 of the Code of Policies of the Board of Governors pertaining to Advancement – Gifts from University Vendors**

Matthew W. Potter moved the adoption of the following resolution:

BE IT RESOLVED that Chapter 13 of the Code of Policies of the Board of Governors be amended by the addition of one new section to be known as Section 13.060, entitled **Gifts from University Vendors**, to read as follows:
13.060. Gifts from University Vendors. No person acting on behalf of Truman State University or its Board of Governors or the Truman State University Foundation or its Board of Directors shall solicit or accept a gift to the University or the Foundation from anyone who is a potential vendor to the University or Foundation pursuant to an active or open bidding, purchasing or any other procurement process. No person or company who is a potential vendor pursuant to an active or open bidding, purchasing or any other procurement process shall offer any gift to the University or its Board of Governors or the Truman State University Foundation or its Board of Directors or any of their representatives while such process is active or open.

The motion was seconded by Karen Haber and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted.

Agenda Items for Future Meetings
The Board reviewed a list of proposed agenda items for the regular meetings during the next year.

Dates for Future Meetings
Sarah Burkemper moved the adoption of the following resolution:

BE IT RESOLVED that the next regular meeting of the Board of Governors be scheduled for Saturday, April 11, 2015, on the University campus in Kirksville, Missouri, beginning at 1:00 p.m., with the understanding that the Chair may alter the starting time and/or place for the meeting by giving due notice of such change; and

BE IT FURTHER RESOLVED that other regular meetings of the Board during the next year be tentatively scheduled for the following dates:

Saturday, June 13, 2015;
Saturday, August 1, 2015;
Friday, October 9, 2015;
Saturday, December 5, 2015; and
Saturday, February 6, 2016.

The motion was seconded by Karen Haber and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted.

Agenda Items for Closed Session
Sarah Burkemper moved the adoption of the following resolution:
BE IT RESOLVED that this meeting be continued in closed session, with closed records and closed votes as permitted by law, for consideration of the following items as authorized by Section 610.021, Revised Statutes of Missouri:

1. Approval of minutes for the closed session of the last meeting under Subsection 14 of the statute for “Records which are protected from disclosure by law”;
2. Individual personnel actions under Subsection 3 of the statute for “Hiring, firing, disciplining or promoting of particular employees by a public governmental body when personal information about the employee is discussed or recorded”;
3. Confidential communications with the General Counsel; and
4. Purchase of real estate under Subsection 2 of the statute for “Leasing, purchase or sale or real estate by a public governmental body where public knowledge of the transaction might adversely affect the legal consideration therefore; and

BE IT FURTHER RESOLVED that if any business not covered by the stated reasons for the closed session is raised during the closed session, then this meeting shall be reopened to the public and an announcement about a resumption of the open session shall be made in the hallway outside of the meeting room.

The motion was seconded by Susan Plassmeyer and carried by a unanimous vote of 7 to 0. Jim O’Donnell then declared the motion to be duly adopted.

The closed session of the meeting began shortly after 3:00 p.m.

Mike LaBeth
Secretary of the Board of Governors

I hereby certify that the foregoing minutes were approved by the Board of Governors on the 11th day of April, 2015.

Jim O’Donnell
Chair of the Board of Governors
January 22, 2015

Mark Schultz
University Architect
Truman State University
100 East Normal Street
Kirkville, Missouri 63501

Re: Baldwin Hall Renovations - Summary of Proposed Design Contract

Mark,

Per your request, the following represents a summary of the proposed design contract between PGAV Architects and Truman State University for renovations to Baldwin Hall.

Project Team

Architect of Record: PGAV Architects
- established in 1965, with offices in Kansas City and St. Louis
- specializing in design for Higher Education, with completed projects at over 50 college and university campuses

MEP Engineer of Record: McClure Engineering
- established in St. Louis in 1953
- mechanical, electrical, plumbing, fire protection, and acoustical engineering
- in-depth working knowledge of Truman State University campus and facilities

Civil & Structural Engineers: to be determined, limited scope of work is anticipated and is included in the Basic Service fee.

Form of Agreement

AIA Document B101 - 2007 (modified)

Scope of Work

The project will include a comprehensive renovation of Baldwin Hall, including new HVAC and controls, electrical service, fire sprinkler, and fire alarm systems throughout. Restrooms will be renovated and expanded as needed to meet applicable building codes and accessibility requirements. Overall room layouts and well locations will not change except as needed for restroom upgrades, and to modify previous renovations as appropriate. Ceilings, carpet, and paint will be replaced as required. Existing exterior windows will be replaced if budget allows.

Basic services include usual and customary architectural, structural, mechanical, electrical, and civil engineering services, and shall follow the traditional design process including schematic design, design development, construction documents, bidding, and construction administration phase services.

Construction Budget

The construction budget is anticipated to be between $11.5M and $12.0M, contingent upon funding from the State of Missouri.
Design & Construction Schedule

The anticipated design and construction schedule is as follows:
- Design: February 2015 through February 2016
- Bidding and Contract: March 2016 through April 2016
- Construction: May 2016 through May 2017
- Move-in: June 2017 through July 2017

Compensation

Lump sum fee of $890,000 for Basic Services
- Represents 7.42% of $12.0M construction budget
- UM System fee guidelines suggest a 7.7% Basic Service fee for this project type and level of complexity

Lump sum fees for optional Additional Services as follows:
- Programming: $12,500
- HVAC Acoustics: $5,920
- A/V System Design: $20,700
- Commissioning (New Mech): $48,000
- Commissioning (Theatre): $9,000

Additional Services beyond those listed above will be provided per Architect’s and Engineer’s standard hourly rates, upon receipt of written approval from Owner.

Reimbursable expenses are in addition to Basic and Additional Services and will be invoiced at cost incurred.

Exclusions

The following services are excluded from the contract at this time, but may be provided for an additional fee if desired:
- Architectural Acoustic Design/Modeling
- Stage Rigging, Theatrical Dimming/Lighting Design
- Security/Intrusion Detection System Design
- LEED Certification
- Fast-Track Design Services
- Furniture, Finishes, and Equipment Design

Conclusion

Thank you for the opportunity to serve Truman State University on this important project.

Respectfully Submitted,

[Signature]

Stephen L. Troester, AIA, LEED AP
Principal

01/22/2015, pg. 2
December 10, 2014

Mark Schmitz
University Architect/Project Manager
Truman State University
100 E Normal Street
Kirksville, Missouri 63501

Re: Baldwin Hall Renovations
Truman State University

Dear Mark,

Baldwin Hall holds an important place in Truman State's rich history. Not only does it have the distinction of being named after the University's founding father, Joseph Baldwin, it also helps frame the campus quad and serves a vital role in supporting the institution's liberal arts educational mission. PGAV appreciates the significance of this building.

Our team is committed to making Baldwin Hall a great place to educate students well into the 21st century.

Daring our nearly 50 years in business our firm has had the good fortune of developing successful design solutions for more than 50 colleges and universities. That speaks to our passion. Like Truman State we are most interested in how we can leverage the foundation from our past to build a stronger future. Our teams of Baldwin Hall have shown us that this building has good bones—a solid foundation to build upon.

We will work hard to preserve what is good and to improve upon what’s not, and by doing so, to give Baldwin Hall a distinct identity that communicates to students, faculty, alumni and recruits the truly exceptional programs housed within.

We have assembled a highly qualified, passionate and effective team of professionals who will lead a process of discovery and exploration with a keen eye on the essential functional aspects of the project. Our internal team includes strong leadership, creativity, and technical ability with recognized accomplishments in education design. Our other key team member is McClaire Engineering. McClaire’s longstanding relationship and wealth of knowledge related to the campus MEP systems will be invaluable to the project. Collectively we look forward to a collaborative planning process. We are excited about the prospect of reimagining Baldwin Hall and creating a campus destination for liberal arts education.

The following pages highlight the PGAV/McClaire team's credentials. Hopefully the material that follows will convey our team's strengths, capabilities and enthusiasm. We look forward to meeting with the selection committee to further discuss our interest in assisting the University with this important endeavor.

Sincerely,

[Signature]

Stephen Troester, AIA, LEED AP
Principal
913.342.6660
steve.troester@pgav.com

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**MCCLARE ENGINEERING**
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**YOUR PROJECT TEAM**
PGAV ARCHITECTS

1900 West 47th Place, Suite 300
Westwood, Kansas 66205

913-362-6500

Steve Troster, AIA, LEED AP - Principal
steve.troster@pgav.com

1965

PGAV Architects is a diverse firm of 120 professionals, including architects, planners, interior designers, economic development specialists, landscape architects, graphic artists, and industrial designers. Few firms have so successfully created such an integrated approach to planning and design, or such a strong track record of success.

From our offices in Kansas City and St. Louis, we have built a nationally recognized practice with a reputation for design excellence and exceptional service, and a focus on the programming and design of higher education facilities and cultural destinations.

PGAV provides a rare and exceptional balance of creativity and technical expertise. Our proven ability to work in partnership with our clients and to lead and nurture diverse project teams through the planning, design and construction process can only mean one thing - a successful project.

At PGAV, we help our clients solve problems and create innovative, functional, and timeless design solutions to diverse planning and programmatic challenges. The result has been the creation of wonderful places in which to learn, work, play and live. The full breadth and depth of our experience will help inform a design solution that meets your unique goals and aspirations for your project.

PGAV is also a recognized leader in the design of sustainable architecture with twenty projects that have achieved or are registered and on track to achieve LEED certification, including facilities at the Gold and Platinum levels. We will work closely with you to establish sustainable design goals that make sense for your project, with a particular emphasis on sensible strategies that reduce water and energy consumption, improve durability, and provide for ease of maintenance.

Our team is focused on providing Truman State University with an unmatched combination of thought leadership, design creativity, technical expertise, project management and project delivery. Our value proposition lies in the remarkable combination of talent and experience of the individual design professionals who make up our project team.
DIVERSITY OF EXPERIENCE

PGAV is designing the facilities that will support the interdisciplinary teaching of the 21st century. We have collaborated with industry leaders, university faculty, and visionary administrators to program and design a broad range of teaching facilities which are models for team-based learning and adaptability. We are extremely proud of our successful working relationship with over 50 college and university clients.

New more than ever, colleges and universities are expanding the boundaries of education. We're seeing a focus on educating the whole student, supporting the rapid exchange of information, and encouraging students to be actively involved in shaping their educational experience.

We know that students learn best when they are personally engaged and can be collaborative partners in their own education, but traditional classroom buildings do little to support this type of active learning, collaborative study, or informal instruction. A new model for academic spaces is needed that combines technologically-equipped, flexible, functional classrooms, discipline-related resources, informal meeting spaces, and research and study areas that support a variety of learning behaviors. We know that team work, problem-based learning, and many other teaching/learning styles must all be accommodated, and we are familiar with the spaces, furnishings, and technical features that support these activities in classrooms, break out areas, and specialized teaching facilities.

The design of appropriate classrooms is essential to the success of any learning institution. The classrooms at Baldwin Hall must accommodate your specific teaching styles and class sizes while also supporting new and emerging instructional technologies, and providing the flexibility to adapt as needs change.

We know that no single design solution is right for every institution, and we will work closely with you to program and design classrooms that meet your unique needs.
CREATING AN IDENTITY

As important as it will be to address the functional requirements of the project, we also recognize the importance of giving Baldwin Hall a stronger identity. As the home of both English & Linguistics and Classical & Modern Languages, Baldwin Hall must represent the language side of the School of Arts and Letters. In addition, Baldwin Hall is the face of Truman State University for countless guests and visitors attending the Kohlenberg Lyceum Series and other cultural events in Baldwin Auditorium.

The skills being taught, ideas being shared, and work being done in this building are truly remarkable. We look forward to exploring opportunities to help faculty teach language in its cultural context, perhaps through food, music, or the visual arts. When considered alongside the ESL training provided to international students by The Language Company, and the study abroad opportunities provided by the Center for International Education, Baldwin Hall is uniquely positioned to provide a rich global perspective for the entire Truman State community.

We're also excited about the opportunity to celebrate the immensely creative work of the writers, theorists, literary experts, and screenwriters within the department by putting the applied educational component of the programs on display. Whether it's through rotating exhibits and displays of student and faculty work, or informal gathering spaces that convert to small venues for public readings, we want the creativity of your students and faculty to be seen and heard.

Baldwin Hall should represent the very best of Truman State - to students and faculty using the classrooms and offices, visitors from the community attending special events, and prospective students considering Truman State University education. The building should be a source of pride for the entire University and a recruiting tool that helps meet your enrollment goals and maintain the high academic standard that's already been established.
Higher Education Design Experience

New College of Business Administration
Kansas State University, Manhattan, Kansas

Professional Services:
Complete architectural program
validation, architectural design and
interior design services

Size: 160,000 GSF
Completion: Summer 2019
Construction Cost: $14,095,000
Delivery Method: Design-Bid-Build
Architect: PGAV Architects in
association with The Elbert Mayo
Design Group

Landscape Architect: Conference

Owner Reference:
Dr. Ali Malekzadeh, Edgessary
Family Dean, College of Business
Administration
785-532-7227
malekzadeh@ksu.edu

K-State's new College of Business Administration will serve as a university resource providing the physical environment to support modern business education in a rapidly changing global business environment. The CBA is envisioned as a center for interdisciplinary applied education, experiential learning, research and partnership with the business community.

PGAV in association with the Elbert Mayo Design Group has completed design for Kansas State University's new College of Business Administration. The four-story, 160,000 square foot facility will serve as a dynamic university resource serving not only the College, but the larger K-State and business community with a diverse collection of technologically equipped spaces for applied education, enhanced instruction and academic interaction. The CBA will feature 90 individual and group study rooms, 19 mediated classrooms, an Entrepreneurship Center, Financial & Behavioral Research Labs, the National Strategic Siting Institute, GIS Studios, a 280 seat multi-purpose auditorium, enhanced undergraduate and graduate student services, departmental offices, a dramatic third-story atrium, and 86 faculty offices.

Prominently located at the southeast corner of campus, the CBA will serve as a gateway to the future of business education and represents a major leap forward in the College's goal of becoming one of the nation's top 50 leading business colleges.

Justin Hall Addition and Renovation
Kansas State University, Manhattan, Kansas

Professional Services:
Complete architectural programming, site evaluation, design, master design and PFM, and construction administration services

Size: 16,400 SF expansion
3,300 SF renovation
Completion: 2012
Construction Cost: $3,945,000
Delivery Method: Design-Bid-Build
Architect: PGAV Architects

Owner Reference:
Mark George, K-State Project
Manager
785-532-9549
markgeorge@ksu.edu

The original 100,000 square foot building, dedicated in 1960, carried a $2.32 million price tag. Everything was tops of the line - 28 teaching labs, 23 research labs, a lecture hall that seated 230. "Justin Hall has aged well," Dean Fendley said. "But today our student enrollment has doubled. We teach more students, conduct more research and offer more degree programs than ever. Our mission has grown more complex and more vital. To meet these challenges, we need more classrooms, more research facilities and more technology.

The 15,000 square foot addition boosts space for student conferences and mentoring, student collaborative workspace, seminar rooms, and two classrooms that will accommodate more than 100 students each.

Minor renovations to the existing building occurred in the first summer, followed by construction of the addition while the building was in use during the school year. Connection of the addition occurred the second summer, allowing Human Ecology to continue to use the building with minimal disruptions.
Higher Education Design Experience

Michael F. Price College of Business
University of Oklahoma - Norman, Oklahoma

Professional Services:
Complete architectural programming, site evaluation, design, interior design, and P3KE services.

Size: 56,000 SF Expansion
Completion: 1994
Construction Cost: $14,060,000
Delivery Method: Design Build
Architects: PGAV Architects
Owner Reference: David Hurney, Assistant Director, Architectural and Engineering Services
405-325-6006
davidhurney@ou.edu

Price Hall was designed with collaborative and open spaces for students and faculty in mind. The interior areas blend traditional beauty with advanced technological capabilities, including distance learning. The space facilitates high-impact study rooms and classrooms to accommodate the growing demand for business classes in the computer laboratory and video presentation rooms and executive suites for distinguished visitors, board members and faculty members to gather. The building provides for additional functions that includes:

- A consolidated undergraduate programs admissions and advising center for undergraduate student enrollment and program needs.
- An expanded student commons area designed to accommodate the needs of the individual students and visitors of the school for informal study and collaboration. This student commons becomes the recognizable "heart" of the building experience and proudly incorporates significant displays for corporate sponsors and major benefactors of the College of Business.
- An expanded Business Center, which puts students in touch with the communication technologies and presentation formats needed in the workplace business environment.
- Simulation rooms, market trading floor for hands-on education in market strategy.
- Team study rooms for groups of 6 people.

Related Projects:

Prentice Hall Renovation
California University - Kansas City, Missouri

Professional Services:
Complete architectural programming, design, interior design, P3KE, and construction administration services.

Size: 56,000 SF Renovation
Completion: 2004
Construction Cost: $6,000,000
Delivery Method: Design Build
Architects: PGAV Architects
Owner Reference: Matt Hurney, Assoc. VP of Facilities and Technology
918-592-4397
matt.hurney@okstate.edu

Prentice Hall Renovation at California University in Kansas City, Missouri, was completed in 2004 with a 56,000 SF renovation. The renovation included significant improvements to the existing building to accommodate the changing needs of the students and faculty. The project focused on enhancing the educational experience by providing modern facilities, state-of-the-art technology, and collaborative spaces. The renovation aimed to support the university's mission by creating a space that fosters innovation, collaboration, and student engagement. The project included the creation of new classrooms, labs, and study areas, along with upgrades to the technology infrastructure. Prentice Hall, now renamed to reflect the university's identity, continues to be a vital resource for students and faculty, offering a dynamic and supportive learning environment.

Truman Conway Hall Renovation
Rockhurst University - Kansas City, Missouri

Professional Services:
Complete architectural programming, design, interior design, P3KE, and construction administration services.

Size: 56,000 SF Renovation
Completion: 2004
Construction Cost: $6,000,000
Delivery Method: Design Build
Architects: PGAV Architects
Owner Reference: Matt Hurney, Assoc. VP of Facilities and Technology
918-592-4397
matt.hurney@okstate.edu

Truman Conway Hall Renovation at Rockhurst University in Kansas City, Missouri, was completed in 2004 with a 56,000 SF renovation. The renovation included significant improvements to the existing building to accommodate the changing needs of the students and faculty. The project focused on enhancing the educational experience by providing modern facilities, state-of-the-art technology, and collaborative spaces. The renovation aimed to support the university's mission by creating a space that fosters innovation, collaboration, and student engagement. The project included the creation of new classrooms, labs, and study areas, along with upgrades to the technology infrastructure. Truman Conway Hall, now renamed to reflect the university's identity, continues to be a vital resource for students and faculty, offering a dynamic and supportive learning environment.

The classrooms for the School of Management were upgraded with multimedia presentation technology, distance learning, teleconferencing, and internet capabilities while the Computer Services Department was upgraded to support new computer labs, campus network support, shops and workrooms, faculty resource room, and a research and development lab. The project was completed in two phases to ensure the least amount of downtime for the University.
Mulvane Hall Addition and Renovation
Baker University - Baldwin City, Kansas

Professional Services: PGAV provided architectural programming, site evaluation, concept master planning, concept design, concept cost modeling and hard cost support services.

Size: 9,024 square feet

Completion: 2013

Construction Cost: $3,360,000

Delivery Method: CM at Risk

Owner Reference:
Patricia Linn
Former President
785 554-3111


Hunt College of Business
University of Central Arkansas - Conway, Arkansas

Professional Services: PGAV was the lead designer for the new J.B. & Johnelle Hunt College of Business at the University of Central Arkansas. The 3-story, 75,000 square-foot, $16 million project fronts one of the major streets in Conway, Arkansas and provides an iconic landmark for the University.

The classic Georgian style is abundant on campus and the College of Business is in keeping with this style by utilizing a large black water table and brick veneer with cast stone pilasters for the exterior. The front entry is anchored with large Doric columns and an expanse of stained glass glazing to allow vast amounts of natural light into the student common and main central stair.

The building houses a large lecture hall and several sized classrooms on the first two levels. Staff and faculty offices and facilities anchor the building on the north and south ends on all three floors. A student lounge, computer labs, classrooms and break out spaces finish out the third floor. Glass front cases throughout the corridors will be used to display the College's awards and honors.
Miller Nichols Learning Center
University of Missouri - Kansas City

Professional Services: PCAV provided space programming, design (in association with Sasaki Associates), and construction phase services.

Size: 248,000 GSF

Schedules and Cost: The $8 million Phase I (completed in 2006) and the $45 million Phase II (completed in 2012) with added Phase IV (completed September 2014) are used as an example for the Miller Nichols Learning Center.

Classroom: GM at Risk

Design and Construction: PCAV led the interdisciplinary programming and design effort involving University, and various campus communities to identify needs and prioritize and align them with project budget/priorities.

Awarded:
- AIAK Citation Award
- IECA Illumination Section Award
- BCAJ Capstone Award
- KCMA Design Excellence Award
- Southtown Beautification Award

Classic Hall Adaptive Reuse
Central Methodist University - Fayette, Missouri

Professional Services: PCAV provided basic architectural, interior design, and landscape design.

Size: 72,000 GSF

Construction Cost: $1,770,000

Completion: 2012

Delivery Method: GM at Risk

Architect: PCAV Architects in association with C3I-Pyma/Brinca Architects

Owner Reference: John Sherman, VP for Finance and Administration

Central Methodist University
471 Central Methodist Square
Fayette, MO 65248
660-345-6200
jshepherd@centralmethodist.edu

PCAV was hired to breathe new life into a beautiful old building. Originally constructed in 1921, Classic Hall had been vacant since 1983. Central Methodist decided that rather than tear down an old building that still had "good bones," they would save it and transform it for future generations. In addition, saving this building provides an opportunity to free up other space on campus and provide a new home for the Music and Art departments.

From a campus master planning perspective, the building provides an anchor for the southwest corner of campus, bringing student activity to the abandoned corner of the campus. It also strengthens the University's connections to the city of Fayette. Besides serving the Music and Art departments, it will serve the greater campus community, as well as the city.

The administration made the prudent decision by saving the building; they reduced waste, embodied energy, and minimized the overall carbon footprint of Central Methodist University. In addition, the University is considering a geothermal system to heat and cool the building, further reducing its impact on the environment.

Parks
Financial
Innovations
Sustainability

"Truman"
Morgan Hall Renovation and Addition
Washburn University - Topeka, Kansas

Professional Services:
PGAV provided space programming, design and construction phase services for interior design and FF&E.

Size: 24,000 square feet (addition)

Construction Cost: $14,400,000

Completion: Summer 2015

Delivery Method: Design-Bid-Build

Architect: PGAV Architects

Owner Reference:
Rick Anderson, VP Administration and Treasurer
Washburn University
1700 SW College Ave
Topeka, Kansas 66621
785-756-5844
rick.anderson@washburn.edu

PGAV was hired to transform Morgan Hall into a state of the art, welcoming and highly efficient building to serve students. This project will incorporate many of the student services operations along with the campus Welcome Center into the existing Morgan Hall to enhance the experience of new and currently enrolled students.

The university is finally getting something administratively and it has looked for too long — an entrance to the campus, complete with a visitors’ center for those hoping to learn about the school.

Morgan Hall will undergo a transformation inside and out. In addition to the Welcome Center, the renovated Morgan Hall will include distinct architectural elements found elsewhere on campus — a light-colored Kansas limestone facade, a pitched roof and a prominent tower. Inside, walls and columns will showcase the people and history of Washburn, with photographs of alumni and other exhibits.

Hammond Hall
Fort Hays State University - Hays, Kansas

Professional Services:
PGAV provided HVAC, architectural, interior design and landscape design.

Size: 38,550 square feet

Construction Cost: $11,400,000

Completion: 2014

Delivery Method: Design-Bid-Build

Architect: PGAV Architects

Owner Reference:
Mr. Doug Cunningham, Director
Office of Facilities Planning
Fort Hays State University
Brooks Building 1096
600 Park Street
Hays, KS 67601-0099
785-626-4428
dcunningham@fh.edu

The 21st century has brought about dramatic improvements in computing and telecommunications. These incredible advances in technology have transformed Fort Hays State University as an institution of higher education. FHSU is the designated distance learning institution among the Kansas Board of Regents schools, and has the unique role of integrating computer and telecommunications technology into the educational environment.

Unlike any other time at Fort Hays State, there was a need and an opportunity to develop a new breed of "academic space" to exploit the potential of virtual learning environments, experience-based education, cultural enrichment, and new approaches to discovery, research and creativity.

The new Hammond Hall uses the communications infrastructure of the 21st century to link three critical offices throughout Fort Hays State University: (1) the Department of Informatics; (2) the Virtual College; and (3) the Center for Teaching Excellence and Learning Technologies (CTELT).

The Department of Informatics occupies the first floor and its building needs are designed around three primary digital learning areas: computer labs, a telecommunication lab, and audio/video labs. The Virtual College and CTELT offices occupy the second floor, which houses the production and technological-delivery of faculty’s course content. In addition, the second floor functions as a demonstration center for new and advanced technologies, and serves as a test site for interaction applications of these technologies.
Carlsen Center
Johnson County Community College

Professional Services:
PGAV provided complete architectural, engineering, landscape and interior design services for the Carlsen Center. Additionally, our firm provided construction administration services for the building, and designed a new campus-wide signage system.

Site: 165,000 square feet
Construction Cost: $16,000,000
Completion: 1991

PGAV is currently using innovative work in the Carlsen Center for the 2013-2014 academic year.

Delivery Method: Design-Bid-Build
Owner Reference: Dr. Dennis Dug, Vice President of Student Services and Enrollment; 913-469-3865

The Cultural Education Center was conceived to provide a focal point in Johnson County for arts and entertainment, expand arts education for students of all ages, provide additional museum and classroom space for the College's growing humanities and community education programs, and establish an identifiable front door to the campus.

The facility contains a variety of performance, museum, conference, classrooms, and office spaces along a light-filled atrium, subtly inhabited by 32 heroic brick figures. These figures testify to performances past, the commissioned figures invite one to explore the 1,400-seat multipurpose theatre, the 400-seat drama theatre, the 100-seat experimental black box theatre and the intimate social hall, which comprise the building's performance core. These are supported by dressing rooms, backstage, costume storage, and a state-of-the-art computerized sound and lighting system.

Roland Fine Arts Center
Hamline University - Hamline, Minnesota

Professional Services:
PGAV provided basic architectural, interior design and landscape design.

Site: 24,500 square feet
Construction Cost: $6,000,000
Completion: 2001

Delivery Method: Design-Bid-Build
Architect: PGAV Architects
Owner Reference: Administration Office; 651-692-3092; administr@hamline.edu; L. Baker Stone; Chair, Division of Fine Arts

The Roland Fine Arts Center is located at a prominent intersection and houses the art department with spacious modern studio facilities, as well as the finest computer lab in the Midwest. The facility brings top-notch instruction in painting, drawing, design and ceramics. The faculty also offers real professional experience in their fields of design. Illustrators and exhibiting artists.

The theatre features a 400-seat theatre, as well as 2,000-square-foot stage, a 600-square-foot orchestra pit, dressing room and makeup rooms, a green room, control booth and storage. Additional work areas include general classrooms, lighting lab, rehearsal room, print and scene shops, prop shop, costume and setting shops, laundry room and storage areas for all. Areas designed for public use include a 4,000-square-foot lobby, a box office and restrooms.

Classrooms and studios accommodate printing, drawing, ceramics, sculpture, photography, print making, graphics and music classes. A gallery to display the works created by the students is also included in the facility.
Starting in 2006, PGAV began working with administration and staff in small groups to address the comprehensive vision for the school and specific factors that affect the creative learning process. The result was a series of additions and renovations that redefined the main entrance to the facility, added quality program space to the building, consolidated administrative offices and integrated a whole range of functional and aesthetic upgrades to the school.

The south annex building addition entirely redefines the architectural context and identity of the high school. It adds a secure, high-floored administrative space, athletic weight room, performing arts theater and creates a true front door for the students and visitors an element that was lacking in the previous configuration. Drive lanes were reconfigured to improve vehicular and pedestrian circulation in and out of the facility.

At the core, this building addition is a 340 seat, state-of-the-art theater which creates an alternate venue for both spoken word and instrumental performances. The performance floor is set flush at audience level in a thrust configuration eliminating the perceived barrier of a stage between actor and person. Designed for functional and aesthetic variability, the house space performs equally well for staged dramatic productions as it does in its "live" room configuration for jazz band or quartet, in anywhere in between as lecture hall, meeting room or multi-media presentation space.

The Blue Valley North Little Theater has become a valued asset for the drama department, the school and the local community.

Edmon Low Library
Oklahoma State University - Stillwater, Oklahoma

Professional Services:
Programming, master planning and concept design

Site Stage 1: 95,254 square feet
Stage 2: 10,380 square feet
Total: 105,634 square feet

Architects: Studio Architecture

Owner References:
Debbie Grant Johnson
Dean of Libraries
Oklahoma State University
Stillwater, OK
918-537-5221

With the completion of the Library Auxiliary high density offsite Storage facility in the summer of 2014, OSU was presented with a unique opportunity to re-evaluate and redefine the role of Edmon Low Library in the academic life of the library. Much has changed since the Library first opened 60 years ago, but its mission remains the same to expand the learning potential of students and faculty of the State of Oklahoma, and to enhance the teaching and research capabilities of the facility.

PGAV Architects, in association with Studio Architecture of Oklahoma City, was commissioned to prepare a space utilization study identifying assets and limitations of the existing facility, and exploring and prioritizing opportunities to leverage the space vacated when 1,500+ volumes move to Library Auxiliary. Our recommendations included extending the existing grand stair to the building's third floor to improve circulation and connectivity; a major addition on the building's north side to address deficiencies identified in the report, and a dramatic increase in the quality and quantity of student spaces throughout the building. Proposed new program elements include a digital visualization suite, animation studio, technology-equipped group study rooms, an expanded cafe, gallery and display space, a digital scholars lab, seminar and training rooms, and an outdoor reading terrace.

The resulting space utilization report will give the Library a road map for implementing recommendations that will maximize the building's potential and make the Library more effective in accomplishing its mission.
McClure Engineering, established in 1953, is a full-service engineering firm with expertise in mechanical, electrical, plumbing, fire protection, temperature control, lighting design, theatrical, audiovisual systems, acoustics, and commissioning.

McClure Engineering has developed extensive experience in the analysis, testing, evaluation, design and inspection of mechanical and electrical systems applied to a wide range of buildings. Special emphasis has been placed upon HVAC system analysis, integration of energy systems, and automation. Our clients include owners of public buildings and private corporations, universities, colleges, hospitals, religious institutions, museums, correctional facilities, state and local governments, industrial facilities, elementary and secondary schools. McClure has specialized in developing uniquely superior solutions for building facility engineering problems. In these activities we have pioneered designs in cogeneration systems, chilled water systems, variable air volume systems, and computerized methods.

McClure Engineering has provided design services for Truman State University since 2006. We have provided a variety of services ranging from studies of space utilization to boiler plant operations. This work has resulted in the implementation of these studies into construction projects for major architectural & MEP renovations of buildings. Our services have also included the master planning of mechanical & electrical utilities and the campus fiber optic network.

Principal: Peter McDonnell, P.E., LEED AP BD+C
Nick Allen, P.E.
Keith Cooper, P.E.
Chuck Daley-Reece, P.E., LEED AP
Keith Snively, P.E., LEED AP
Randy Hansen, P.E., LEED AP
Kyle Krueger, P.E., CEM
Paul Warrick, P.E.

Current Staffing:
Mechanical Engineers 29
Electrical Engineers 9
Lighting Designers 1
Architectural Engineers 1
Engineering Technicians 3
Designers/Drafters 19
Administrative 2
Total 60
**RENOVATIONS & RETROPTS**

**PROJECT:** Washington University - Busch Hall Renovation

**OWNER:** Washington University - St. Louis, MO

**CHALLENGE:** Convert a 1900's era Academic Hall to a modern facility with central HVAC, updated plumbing, electrical, fire protection, and data communication systems. The age of the building posed many design and construction challenges, including the need to maximize the usable floor area. The entire interior of the building was stripped to its structural shell, but no exterior renovations were required.

**CONSTRUCTION COST:** Confidential

**BUILDING SIZE:** 42,300 sq ft

**SCOPE:** Busch Hall, a historic building dating back to 1901, was the first building constructed on the University's Danforth Campus. A previously unused stepped seating area was converted into a multipurpose space housing four of the building's five air handling units. Floor space was maximized with the use of vertical duct rows. The renovated space now includes new restrooms, elevators, several offices, classrooms, and a lecture hall.

**APPROACH:** A key priority for McClure and the owner was to avoid any loss of student support to surrounding buildings, as a result of the upgrades. The project was completed successfully.

**COMPLETION:** 2009

**AWARDS:** 2010 LEED NC certified Silver Level

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**UNIVERSITY NEW CONSTRUCTION**

**PROJECT:** South County Education Center

**OWNER:** St. Louis Community College

**CHALLENGE:** Maximizing energy efficiency is always an important design aspect for St. Louis Community College as well as for McClure Engineering.

**CONSTRUCTION COST:** $10 million

**BUILDING SIZE:** 39,000 sq ft

**SCOPE:** The new facility includes a 2,100 square foot multi-purpose room, a 3,000 square foot academic support center, 3 computer labs, 2 music classrooms, 17 classrooms equipped with advance computer and audio video technology equipment, a cyber cafe, and an outdoor patio.

**APPROACH:** The HVAC systems use a dedicated outdoor air unit that provides ventilation air to the building. An energy recovery wheel in the outdoor air unit reduces the required equipment capacity, and reduces the operating costs of providing ventilation air. Common spaces utilize carbon dioxide sensors to reduce ventilation air requirements whenever the spaces are not used and increase ventilation when spaces are occupied, thus reducing energy usage. The systems are controlled by a complete energy management system for off-site control and performance tracking. The classrooms have indirect light fixtures, which provide more diffused light to the space and a more comfortable lighting design. McClure Engineering also provided complete commissioning services for the project on all the building systems to ensure a fully functional facility.

**COMPLETION:** 2003

**AWARDS:** 2003 Architectural Portfolio Award from American School & University (AS&U) Magazine
THEATRE & ASSEMBLY

PROJECT: Taubman Performing Arts Center
OWNER: University of Missouri-St. Louis

CHALLENGE: The University wanted a state-of-the-art performing arts center, which allowed the regional communities to access and appreciate the power of the performing arts. It is a symbol of the University's commitment to integrate education, innovation, and excellence. The site selected was challenging from a commercial and aesthetic perspective. The building is located just 20 feet from an active St. Louis commuter train line, also right in the flight path of commercial traffic at St. Louis Lambert International Airport. In addition, the central point that serves the building is located on the opposite side of the commuter train tracks.

CONSTRUCTION COST: $52 million

SQUARE SIZE: 123,000 sq. ft.

SECOND: The state-of-the-art performing arts facility includes a 1,625-seat performance hall with orchestra pit (the only performance space of its kind in St. Louis), a 300-seat theater, 15 classroom rooms, and a 3,300 square foot rehearsal room.

APPROACH: Close cooperation between the acoustical consultant, Kellerman Associates, and the mechanical engineers was essential to design HVAC systems to meet the strict acoustical requirements. An under-floor distribution system was used for the performance theater due to its large volume and 80-foot ceiling height of 60 feet. The low volume, low pressure, displacement ventilation system delivers LOFF air directly below the seats to maintain space comfort conditions in the area occupied by people. Due to the complexity of the building systems, commissioning of the building systems was essential. McClure Engineering provided complete building commissioning services for all major building systems, including mechanical, electrical, emergency power, lighting, fire protection, electrical, mechanical, and telephone data systems.

COMPLETION: 2004

AWARDS: 2004 St. Louis Construction News & Review Regional Excellence Award

YOUR PROJECT TEAM

The PGAV Team shares important core values, including a commitment to design excellence and customer service and a passion for working in partnership with our clients to create breakthrough solutions. Our team's "value proposition" lies in the remarkable combination of talent and experience of our principal leadership and key personnel who will be engaged in your project from start to finish. The following principals and key staff from the core of our Project Team.

PGAV ARCHITECTS
Steve Townsend, AIA, LEED AP
Principal
Steve Crouse, LEED AP BD+C
Project Manager
Chris Dierks, AIA, LEED AP BD+C
Project Architect/Quality Control
Rick Schakowsky, RA, LEED AP BD+C
Project Designer
Dale Taylor, RA
Architect/Construction Administration
Audria Schalz
Interior Designer

MCCLURE ENGINEERING
Mechanical Electrical Plumbing Engineers
Peter McDonnell
Project Principal and Project Manager
Keith Cooper
Electrical Engineer
Emily Spencer
Mechanical Engineer
Matt Meyers
Electrical and A/c Engineering
Amy Hughes
Lighting Designer
Stephen L. Troester, AIA, LEED AP
Principal In Charge

The moment of clarity is when Steve Troester is in the room. As the pros and cons of possible outcomes are weighed, Steve has the uncanny ability to realize the "aha" idea behind which a solution will form.

Steve Troester grew up in Kirtland around the family retail business, but was drawn to the architecture industry early on. While earning his degree in business administration, he worked as a carpenter for four years.

Steve has served as Principal on a wide range of projects during his 20 years with PGM and has been the Principal in Charge overseeing more than $500 million in educational and campus master planning projects.

Steve’s good nature, non-confrontational approach and affable candor have been one of the key factors in many clients returning to PGM.

Steve has been with the firm for 20 years and became a Principal in 2010.

REPRESENTATIVE EXPERIENCE

Baker University - Baldwin City, Kansas
Campus Master Plan
Harvey Student Union and Wilcoxen Cafe
Coffman Library renovation and expansion
Mackay Hall Applied Science renovation and addition
Marxman and Horn Residence Halls
St. Paul School of Theology - Kansas City, Missouri
Campus Master Plan
Rockhurst University - Kansas City, Missouri
Campus Master Plan
Munson Hall
Herb B. Schofield School of Management
Richardson Science Center
Rock Renn
Hanham LaGrange College - Hannibal, Missouri
Master Plan
Bollane Fine Arts Center
T.M. Markebeer Science Building Master Plan
Johnson County Community College - Overland Park, Kansas
Coffin Center for the Arts
Student Success Center
Dorman Laboratory Building
Bookstore Warehouse Addition
Watchorn University - Topeka, Kansas
Morgan Hall Welcome Center Addition & Renovation
KBI - New Forensic Science Laboratory
University of Oklahoma - Norman
Michael P. Price College of Business
Central Methodist University - Fayette, Missouri
Coffin Hall Renovation
Blue Valley School District - Overland Park, Kansas
School District Bond Issue Planning Studies
School District Site Evaluations and Acquisition Study
North High School Expansion Study and Building Addition
Northwest High School Addition
East High School Center
Kansas State University - Manhattan, Kansas
Ecological and Industrial Value-Added Program Facility
Kansas State University College of Human Ecology Addition
Linda Hall Library of Science, Engineering & Technology - Kansas City, Missouri

Steve Cramer, LEED AP BD+C, Vice President
Project Manager

Steve will be serve as Project Manager and the University’s day to day point of contact for project coordination and information sharing. He will be responsible for identifying and solving design and construct challenges, working with the entire design team and ensuring that every opportunity to integrate sustainable and efficient design is captured. Steve is a highly capable and conscientious architect with a history of diverse higher education experience.

Steve’s recent projects include the new College of Business Administration for Kansas State University and the Miller Nichols Interactive Learning Center for the University of Missouri - Kansas City. On both of these projects, Steve has helped the clients realize their vision for their project. He has taken a proactive and collaborative approach, helping to facilitate the decision-making process for the clients.

Steve joined the firm in 2005 and was recently promoted to Vice President.

REPRESENTATIVE EXPERIENCE

Kansas State University - Manhattan, Kansas
College of Business Administration
Library Annex
University of Missouri - Kansas City
Miller Nichols Interactive Learning Center Addition
Automated Storage & Retrieval System Addition
Information Commons Renovation
Renewable Collections Renovation
Special Collections Renovation
Fort Hays State University - Hays, Kansas
Center for Networked Learning
University of Kansas - Lawrence, Kansas
Library Annex Expansion
University of Central Missouri - Warrensburg, Missouri
Todd Hall Commons Renovation
University of Florida - Gainesville
Auxiliary and High Density Library Storage
Oklahoma State University - Stillwater
Library Auxiliary
Edmon Low Library - Master Plan
Blue Valley School District - Overland Park, Kansas
School District Bond Issue Planning Studies
School District Site Evaluations and Acquisition Study
North High School Expansion Study and Building Addition
Early Childhood Center
Union Station Kansas City - Missouri
Bank of America Gallery & Concourse
Arthur Stowell Conference Room
Transportation Storage Renovation
IES 708 Assistance Center
EC Election Board Offices
Union Station Administrative Offices
Transportation Security Administration Offices
Chris Davis, AIA, LEED AP BD+C, Vice President
Project Architect / Quality Control

Chris joined our professional staff in January 2006 and has since proven to be an extremely effective leader in our organization. He has undertaken several assignments as project architect/project manager and his professional approach and natural grasp of architecture has always benefited those around him. Clients sense these attributes as well, to be quickly gain their respect and trust. This is essential to our business as we continue to work with individuals who can not only manage and produce work, but represent the firm with utmost integrity.

Chris is also the leader of PGAV's internal Quality Control and Quality Assurance program. The outcome under his leadership has been a greatly improved quality review process resulting in increased budget accuracy and a smoother project delivery.

Chris continues to serve as our conscience on quality issues to ensure that the principles that were developed under his leadership continue to be reinforced.

REPRESENTATIVE EXPERIENCE

Longview Community College - Longview, Texas
Southland College
Blue Valley School District - Overland Park, Kansas
School District Bond Issue Planning Studies
School District Site Evaluations and Acquisition Studies
North High School Building Additions
Early Childhood Education Center - Overland Park, Kansas
KIPP Endeavor Academy - Kansas City, Missouri
City of Leawood, Kansas
Civic Center at City Center
Municipal Services Building
Topeka High School Performing Arts Theater Concept Design - Topeka, Kansas
Rilson Park Redevelopment - Tucson, Arizona
Desert Falls Sports Complex - Mesquite, Nevada
National Beef Corporate Headquarters & Training Center - Kansas City, Kansas
Kansas City Zoo - Kansas City, Kansas
Zebo Master Plan
Tutero Cafe
Tokyo Bear Passage
Dunmans Education Pavilion
University of the Pacific - Stockton, California
Navo Family Field Complex
Montgomery Riverwalk Stadium - Montgomery, Alabama
Albuquerque Isotopes Stadium - Albuquerque, New Mexico
Ballpark at St. George Stadium - New York, New York
Tucson Elverado Park - Tucson, Arizona
Ranger Dean Stadium - Jupiter, Florida

Rick Schladweiler, RA, LEED AP BD+C
Design Architect

Rick recently joined PGAV, bringing a wide range of higher education experience with him. What Rick brings to the team is a tremendous creative energy and ability to generate out-of-the-box thinking. Transformative thinking requires bold vision, clarity of purpose, and the ability to move smoothly and quietly - attributes Rick will use to captivate the entire team.

Rick is focused on design excellence, with leadership experience in high profile and award winning projects. Rick thrives in collaborative environments with design partners and multidisciplinary teams achieving results in project goals and vision. Experienced in technical problem solving and detailing, Rick has assisted clients remove building environments with sustainable design strategies. Rick has been involved in a variety of project sizes, budgets, and building types, including civic, educational, residential, historic preservation, and existing buildings and additions.

REPRESENTATIVE EXPERIENCE

Lenexa Civic Center - Lenexa, Kansas
Missouri State University - Springfield, Missouri
Blaisdell Creative House - Exterior Renovation
Freundenberg "Freddy" House - Exterior Renovation
Mammals House - Exterior Renovation
Hatchets House - Exterior Renovation
Kentwood Hall Study
Kentwood Hall Renovation
Gewis Dining Center - Exterior Renovation
Game Dining Center Renovation and Addition
Lorey Hall (West Plains Campus) - Exterior Renovation
Jordan Valley Innovative Center - Exterior Renovation
Blair - Sherman Dining Center Renovation and Addition
Walnut Street Housing
Leeds Center for Creative and Performing Arts - Princeton University

Topeka High School Performing Arts Center - University of Missouri at Kansas City
Christopher B. Bond Life Science Center - University of Missouri at Columbia

Fayer W. Searle Research Building - University of Texas
Todd Bolender Center for Dance and Creativity (preservation and adaptive reuse - Power House at Union Station Kansas City

* indicates relevant projects while with another firm
Dale Thies, RA
Project Architect / Construction Administration

Dale has dedicated his architectural career of over 25 years to the successful design and construction of a variety of facility types. In order to assure the highest quality of construction and service, he will be involved in every part of the design process and serve as our construction administrator throughout the project. His attention to detail, approachable demeanor and experience with large-scale construction projects will undoubtedly ensure a seamless delivery.

Andrea Sisk

Andrea's focus is the planning and design of interior spaces that support the needs of the users and communicate a sense of identity. She believes spaces should spark imagination and inspiration, while capturing the personality and mission of the organization.

Her careful consideration to finish and furniture selections include aesthetics, durability, functionality, and special requirements of any given project. The environments created reflect the client's visions with particular consideration to the end users' safety, comfort, and enjoyment.

Andrea joined PC&AV's interior design department after graduating from K-State in May 2013.

REPRESENTATIVE EXPERIENCE

University of Missouri - Kansas City
Miller Nichols Interactive Learning Center Addition
Automated Storage & Retrieval System Addition
Information Commons Renovation
Burschbach Collection Renovation

University of Oklahoma - Norman, Oklahoma
Sooner Theme Life Science Research Center

University of Missouri - Columbia, Missouri
Regional Biostatistics Laboratory

Central Methodist University - Fayette, Missouri
Chalice Hall Renovation

Kansas State University - Manhattan, Kansas
College of Business Administration
President's Residence Remodel and Addition
Eisenhower Hall - ADA modification/renovation
Cardwell Hall - Helium Compressor Building
Marshall Hall Dormitory Renovation
Anderson Hall - Fire Damage Renovation
Accelerated Testing Facility-KDOT

Blue Valley School District - Overland Park, Kansas
North High School Broadcast Technology
Northeast High School Broadcast Technology

Johnson County Communications Center - Olathe, Kansas

Kansas City Zoo - Kansas City, Missouri
Tuskegee Grill
Polk Bear Passage
Danaus Education Pavilion Renovation/Addition
African Sky Safari
Sea Lion Exhibit Renovation/Addition

Moberly Community College - Moberly, Missouri
Administration/Classroom building
Howard County R-I High School - Glasgow, Missouri
Branch Bank of Cairo and Moberly - Moberly, Missouri
EVERLAST Manufacturing Facility - Moberly, Missouri
First Assembly Church - Jefferson City, Missouri
Day Care Addition and Administration Building - Jefferson City, Missouri

REPRESENTATIVE EXPERIENCE

Morgan Hall Renovation and Addition, Washburn University - Topeka, Kansas

New Forensic Science Laboratory, Kansas Bureau of Investigation at Washburn University - Topeka, Kansas

KSU - Mostor Hall Research Center Renovation - FF&E Install Observation and Punch - Manhattan, Kansas

Wason Hall Building Renovation and Addition - Olathe, Kansas

Blue Valley Recreation Center - Overland Park, Kansas

Stearns Lab Vision Study - Kansas City, Missouri

GARMIN International, Miscellaneous Interiors - Olathe, Kansas

Grand Court Assisted Living - Kansas City, Missouri

Brookside Grand Court Assisted Living - Kansas City, Missouri

Overland Park Convention Center Renovations - Overland Park, Kansas
Peter McDonnell, P.E., LEED AP BD+C, Principal
Mechanical Engineer

Mr. McDonnell has 27 years of experience in all phases of mechanical engineering analysis and design for HVAC systems, thermal energy storage, smoke management and fire protection systems for all building types. He is proficient in all aspects of inter-disciplinary project management including scope of work development, facility survey/construction specifications, cost estimating, project coordination, construction documentation preparation, project quality and budget control. Mr. McDonnell has been responsible for many project types, including airports, central energy plants, church facilities, convention centers, auditoriums, museums and exhibit facilities, residential facilities, hotels, courthouses, dining facilities, educational facilities, healthcare facilities, correctional institutions, libraries, military facilities, office buildings, postal facilities, recreational and themed entertainment facilities, retail facilities, design-build projects, and value engineering peer reviews. In addition, he served as an adjunct professor in the Construction Engineering Program at the University of Central Florida.

REPRESENTATIVE EXPERIENCE

Truman State University – Kirksville, Missouri
Bath Towne Museum & Visitor Center
McGrudder Hall Classroom Modifications
McGuruer Hall Renovation
Parrish Hall Renovation
Pleather Library Renovation

East Central Community College – Union, Missouri
Site Utility Master Planning
School of Health Sciences

Fontbonne University – University City, Missouri
Remodeling of Classroom & Theater Space for Hearing Impaired Therapy & Testing

Lindenwood University – St. Charles, Missouri
The Lindenwood Center for Fine & Performing Arts

Ivy Tech Community College – Madison, Indiana
Madison Campus Expansion and Renovation
Wadley School Building

South East Missouri State University – Cape Girardeau, Missouri
Shelton Arts Higher Education Center Expansion

Stephens College – Columbia, Missouri
Leta Raney Wood Hall 2nd & 3rd Floor Renovations

Washington University – St. Louis, Missouri
Butch Hall Renovation for LEED Silver Certification
School of Music tragedy Building Renovation

Keith Cooper, P.E., President and Principal
Electrical Engineer

Mr. Cooper has been responsible for electrical design for a variety of projects involving university and community recreation centers, primary and secondary schools, performance auditoriums, retail mall tenant spaces, healthcare facilities, municipal buildings, medium voltage power distribution, university classrooms, buildings, university residential buildings, data centers, central chilled and hot water plants, and building telecommunications infrastructure. Projects have included both new construction and extensive renovations. Mr. Cooper has been President of McGuran Engineering since 2008. Prior to joining McGuran, Mr. Cooper was employed as a construction manager on a multi-billion dollar uranium enrichment facility where he was involved in the design and construction of the facility. From 1986 until 1992, he was employed in the electrical contracting industry where he was project manager and estimator on a variety of smaller and several large projects, including a federal prison and a weapons assembly facility. Projects also included numerous installations in both Design-Build and Design-Bid-Build delivery methods.

REPRESENTATIVE EXPERIENCE

Truman State University – Kirksville, Missouri
McGuruer Hall Classroom Modifications
Parrish Hall Renovation

East Central Community College – Union, Missouri
Site Utility Master Planning
School of Health Sciences

Hannover College – Hanover, Indiana
Agay Bruenke Dugan Library Renovation
Classic Hall Renovation
Hendric Hall Renovation
Health and Recreation Center
New Residence Hall
New Fraternity Building

Ildellon College – Olivelton, Ohio
Allen Memorial Art Museum Facility Assessment
Allen Memorial Art Museum Renovation

South East Missouri State University – Cape Girardeau, Missouri
Student Recreation Center and Natatorium
Various Campus Renovation & Additions

University of Missouri-Columbia – Columbia, Missouri
Brommer Fieldhouse and Natatorium
Residential Halls Renovations
Telecommunications Building Electrical Distribution

University of Missouri – St. Louis – St. Louis, Missouri
Science Renovation

University of Nevada Las Vegas – Las Vegas, Nevada
Student Recreation & Wellness Center

Valleym College – Crawfordsville, Indiana
Student Recreation Center
Athletic Facility
Emily Spencer, P. E.
Mechanical Engineer

Ms. Spencer is a mechanical engineer with experience in HVAC and plumbing design in the building construction industry. Her projects with McClure include university recreational facilities, an indoor water park, an art museum, and animal facilities for the St. Louis Zoo. Her contributions to these projects involve building load calculations, equipment selection, project cost estimation, and construction administration.

Prior to joining McClure Engineering, Ms. Spencer worked for a large architectural and engineering firm. These two years her work focused on hospitals, educational facilities, libraries, and commercial office buildings. Her responsibilities included building load calculations, building energy models, ductwork design and layout, component selection, and construction administration. Some of her clients included the University of Chicago and the Chicago Public School District.

REPRESENTATIVE EXPERIENCE

Carthage College – Kenosha, Wisconsin
Athletics and Recreation Center

Clayton School District – St. Louis, Missouri
High School Addition and Renovation
Wycliff Middle School

Francis Howell School District – St. Charles, Missouri
Daniel Boone Elementary School Additions
High School Additions and Renovations

Lindenwood University – St. Charles, Missouri
Student Recreation Center Additions (including classrooms)

Mount Union College – Alliance, Ohio
Recreation Center

Oberlin College – Oberlin, Ohio
Allen Memorial Art Museum

University of Chicago – Chicago, Illinois
Law School Library

Matt Meyers
Electrical and Acoustical Engineer

Mr. Meyers has been responsible for the electrical design in a variety of projects including colleges and universities, industrial testing facilities, K-12 educational facilities, campus wide electrical systems designs. He has been responsible for medium voltage campus design, electrical metering and analysis, substation renovation, building and campus electrical load calculations, arc flash and coordination analysis, building electrical design, commissioning, acoustical analysis, and construction administration.

REPRESENTATIVE EXPERIENCE

Truman State University – Kirksville, Missouri
McClung Hall and Piddles Library
Baseball and Softball ADA Lighting
Ophelia Ford Acoustics Study

American Power Conversion – O'Fallon, Missouri
Super User Testing Lab Design
Factory Acceptance Testing Lab Design

Commonwealth of Pennsylvania – Easton, Pennsylvania
SCI Phoenix Prison Campus Medium Voltage Distribution Electrical Design

Kirkwood School District – Kirkwood, Missouri
Robeson Elementary Additions and Renovation Electrical Design
Kennedy Elementary Addition and Renovation Electrical Design
North Glendale Elementary Additions and Renovation Design

Missouri University of Science & Technology, Rolla, Missouri
Schumacher Replacemen
Redline Water Distribution Reconstruction
Campus Geothermal Energy System
Stratman/James Hall Renovation
Thomas Jefferson Hall Renovation

The Principals – Saint Louis, Missouri
Campus Utilities Study and Master Planning

University of Missouri, St. Louis – St. Louis, Missouri
North Campus Electrical Substation Upgrade

Washington University in St. Louis – St. Louis, Missouri
Brookings Hall Renovation
Chilled Water Energy Monitoring
Amy Hughes, LEED AP BD+C
Electrical Engineer and Lighting Designer

Amy Hughes has been responsible for developing unique lighting solutions for a variety of projects, including museums, community recreation centers, universities, residential buildings, and theaters. Amy’s lighting solutions not only convey the aesthetic appeal desired by her clients but are also engineered for performance. Having earned a Bachelor of Science degree in Electrical Engineering from Purdue University and her LEED AP BD+C certification allows Amy to balance her creative and innovative approach with practical considerations of maintenance, sustainability, and lighting control. Amy stays current with lighting trends by being an active member of both local and national professional organizations such as IES (Illuminating Engineering Society) and USGBC.

Amy began her career working for Cooper Crouse-Hinds in technical sales where she trained maintenance personnel and electrical contractors in the use of electrical test equipment. Prior to joining the firm, Amy worked as an electrical contractor as a lighting product manager, where one of her main responsibilities was to design lighting for projects that included a Forgemaster plant, as well as a myriad of smaller projects with local property management companies and various schools.

REPRESENTATIVE EXPERIENCE

Truman State University - St. Charles, Missouri
Sparks Academic Neighborhood

Lindenwood University - St. Charles, Missouri
J. Schlackner Center for the Arts

Oberlin College - Oberlin, Ohio
Allen Memorial Art Museum
Health and Wellness Center

Stephens College - Columbia, Missouri
Lula K. Reynolds Hall 2nd and 3rd Floors

Southern Illinois University Edwardsville - Edwardsville, Illinois
Department of Art and Design East Residence
Department of Art and Design West Residence

University of Missouri - Columbia, Missouri
Bremer Fieldhouse and Natatorium

University of Missouri St. Louis - St. Louis, Missouri
Forcht Performing Arts Center

University of Nevada - Las Vegas, Nevada
Student Recreation Center

Washington University in St. Louis - St. Louis, Missouri
Beck Hall Residence
CRC Athletics Field Lighting
Fitness, Recreation, and Athletics Center