

BRAD DEAL

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Senate Chair Award Packet p1

*"Considering the work of my own hands,
through the practical education of a life in
craft, it all seems to lead back to one funda-
mental truth: we practice contemporary craft
as a process of self-transformation."*

Peter Korn
Why We Make Things
And Why It Matters

STATEMENT



I begin each year with this quote because it reminds us of why we are all here: To better ourselves and by extension the people, organizations, community, and ultimately the world around us. Teaching, research, and service happen to be the tools provided by my position to facilitate this life long journey.

As a faculty member in the School of Design, I have the honor and privilege to shape and influence the minds of future architects and designers that will shape the work we inhabit very soon. I believe the most valuable assets students gain in their time with us are not only their technical knowledge, abilities, and skills, but also the relationships and bonds they form with their peers and mentors.

Critically impactful educational experiences are often those that are not so easily navigated, but rather those that are designed, not unlike resistance training for athletes, to push students out of their comfort zone. The harder students work, the more they find themselves exceeding their expectations as they grow, learn, and expand their capabilities and perspectives. Who looks back on their college years and tells stories about the nights when they got plenty of rest? It's the drive to lose yourself in the work that unlocks real potential.

The ARCH 335 Design Build program that I've led for the past 12 years most clearly embodies these teaching strategies, empowers students to serve their community and has fueled a consistent string of publications and awards centered around pedagogy, service-learning, and design innovation.

Each Spring in this studio I challenge a new cohort of junior architecture majors to design and construct a facility for a deserving non-profit community partner Medcamps of Louisiana and their amazing campers. This class and others like it provide incredibly powerful opportunities for students to push themselves to gain new forms of knowledge and to build lasting relationships by experiencing successful project execution together and receiving widespread recognition for their work. In this respect, I believe teaching and research function best when they are closely aligned and in service of a worthy cause. The relationships we've been fortunate enough to foster through the design-build program have allowed us to do just that.

In the design-build studio I set the expectations in terms of student performance, perseverance, and end product delivery incredibly high. However I equip them with the resources necessary to succeed and set an example of what it looks like to navigate unfamiliar territory and remain committed to the end goal. One of the greatest outcomes of this class wide project is the soft skills and teamwork lessons gained. My students learn to evaluate themselves and their peers not on the rote execution of a task, but instead, they realize that the vast majority of success stems not from natural talent, but rather from their attitude and the level of effort exerted. I can't overstate the power of that realization when it grips a student who truly needs this lesson.

Expanding one's knowledge and capabilities isn't usually easy or comfortable. It is when we encounter the messiness and tribulations of the real world that our students learn to improvise and innovate. I strive in every class I teach to create opportunities for this kind of learning that builds new relationships both within and outside the university. I truly believe this allows our future alumni to emerge from their work as stronger, more capable, more knowledgeable professionals with a network of peers and mentors that will prove invaluable as they navigate the world that awaits them beyond Louisiana Tech.



TEACHING

Avg Eval: (3.7/4)

Year	Louisiana Tech SOD Associate Professor	Avg. Eval.
2015-18, 23	ARCH 112: Communication Skills I	3.0
2018-22	ARCH 215: Architectural Design I	3.4
2015-19	ARCH 225: Architectural Design II	4.0
2012-19	ARCH 315: Architectural Design IV - Programming Studio	4.0
2013-24	ARCH 325/335: Architectural Design VI - Design/Build Studio	4.0
2019-24	ARCH 415: Architectural Design VII - Urban Design Studio	3.8
2017-19	ARCH 425: Architectural Design VIII - Sustainable Design Studio	4.0
2020-24	ARCH 450B: Shop Training & Safety	3.4
2020-24	ARCH 452: Principles of Environmental Design	3.9
2020-24	IDES 343: Sustainability for Interior Design	3.9
2013-23	ARCH 559: Independent Study	n/a

AWARDS

(past 5 years)

2018	AIA Louisiana Honor Award ARCH 335: Pisces Bridge
2018	AIA Louisiana Member's Choice Award ARCH 335: Pisces Bridge
2019	AIA Louisiana Member's Choice Award: ARCH 335 Peregrine Zip line
2021	AIA Louisiana Honorable Mention: ARCH 335 Hero's Origin
2022	AIA Louisiana Merit: ARCH 335- Mosaic Art Cabin
2022	AIA Louisiana Member's Choice Awards: ARCH 335- Mosaic Art Cabin
2023	AIA Louisiana Honor Award ARCH 335 - Imago Amphitheater
2023	AIA Louisiana Member's Choice Award: ARCH 335 - Imago Amphitheater

These humble student-designed, student-built projects have been regularly found worthy of recognition by a rotating, anonymous, out-of-state jury when compared to professional work by exemplary Louisiana architects & contractors.

Merit Awards: "bestowed to work that demonstrate a high level of design quality worthy of recognition" 5-10 awards each year

Honor Awards: "bestowed for exceptional work, easily distinguishable from Award of Merit" 1-2 awards each year

Members' Choice Award selected at the state convention by present AIA Louisiana members - 1 award each year

PUBLICATIONS

(past 5 years)

2019	ACSA 107th Annual Meeting, Pittsburgh PA, march 28-30, 2019 ARCH 335 Pisces Bridge
2021	Landscape Architecture Foundation Green New Deal Super studio Finalist Arch 415: Erin Eubanks - Field to Garment.
2021	Louisiana State Board of Architectural Examiners Dec 2021 Newsletter, ARCH 335 Hero's Origin photography feature pg. 9
2023	NCBDS 39: Sharing Opportunities: Innovation and Inclusivity in Design-Build Education. Co-authored with An Le.
2024	MDPI Journal of Urban Science: Do it yourself! Collaborative processes for inclusive design and capacity building in Louisiana (USA) Advisor and Editor to Federica Paragliola.
2024	MDPI Special Issue: Best Practices of Resilient Buildings (and Districts) and Post-disaster Reconstruction: Furniture Design for Resilient Post-Disaster Wood Waste Up-cycling: the Katrina Furniture Project Experience and its "Legacy" in a Digital Perspective. Advisor and Editor to Giuliano Galluccio.

PROFESSIONAL REGISTRATIONS

2010	LEED for Homes Accredited Professional
2017	Licensed Architect in the State of Texas
2017	Member: American Institute of Architects
2018	Licensed Architect in the State of Louisiana

EXHIBITIONS

(past 5 years)

2018	Pisces film featured in ADFP screenings in New Orleans, LA, Athens Greece, Chicago IL, Washington DC, New York NY, Los Angeles CA.
2019	A'19 AIA Conference on Architecture, Las Vegas, NV, June 6 2019: ARCH 335: Rebuilding Medcamps, AIA Blueprint for better film challenge panelist
2021	Gulf States Summit: How Camp Schooled the Ivory Tower, Baton Rouge LA, March 24, 2021
2022	Architecture+Design Network - June Freeman Lecture Series: ARCH 335 Design Build, Little Rock AR, Nov 29, 2022
2023	NCBDS 39: Project Presentation: ARCH 335 Imago Amphitheater
2024	Keynote panel presentation ULS Academic Summit

SERVICE

(past 5 years)

2012 - Present	Technical and Managerial Supervisor of the School of Design CNC workshop
2012 - Present	Director: ARCH 335 Design Build Studio
2014 - Present	Youth Soccer Coach: Ruston Parks and Recreation
2013 - Present	Design Faculty Contributor NICERC Cyber Discovery Camp Recruiting and Outreach program
2021-22	ADA Bathroom and Gardenshed design and permitting assistance for La Tech Wesley Foundation
2022	COLA Dean's Search committee
2022 - 23	Tenured Faculty Committee
2022	SOD Tenure Review Committee
2022-23	COLA Tenure Policy Group
2023 - Present	Faculty Senate Member
2023	SACSCOC QEP Focus group leader
2022 - Present	SOD Architecture Professional Level Coordinator

EXTERNAL FUNDING

(past 5 years)

2018	\$30,000 for Peregrine Zipline & Tree house in partnership with Medcamps of Louisiana
2019	\$15,000 for Stroud Store Renovation in partnership with Medcamps of Louisiana
2021	\$10,000 for Hero's Origin Entry in partnership with Medcamps of Louisiana
2022	\$40,000 for Mosaic Art Cabin in partnership with Medcamps of Louisiana
2023	\$25,000 for Imago Amphitheater in partnership with Medcamps of Louisiana

VISUALS

Images depicting the nature of my teaching, service and research efforts in the past 5 years.



ARCH 335 Class of 2019



ARCH 335 2019 Project
Bell Tower



ARCH 335 Class of 2021
after excavating our tower foundation



ARCH 335 2019 Project
Stroud Store



ARCH 335 Class of 2022
After a muddy day of building form work



ARCH 335 Class of 2023
at our dedication ceremony with Med Camps



Dinner with alumni and guests during a 2022
Invited Lecture in Little Rock AR



ARCH 335 2021 Project
Hero's Origin Entry



ARCH 335 Class of 2023
after a hard day of setting our first trusses



ARCH 335 2018 Project
Stroud Store entry gate

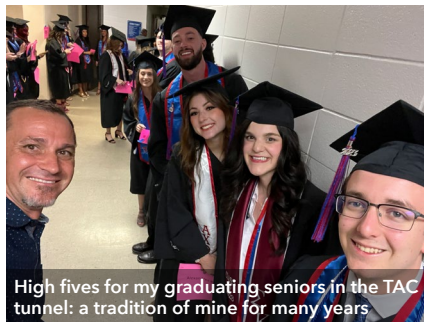
A short film documenting my work at Med Camps can be found at this link:



<https://vimeo.com/180121925>

VISUALS

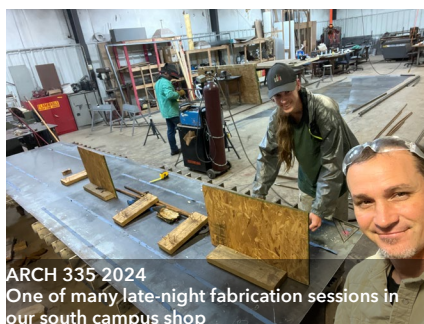
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High fives for my graduating seniors in the TAC tunnel: a tradition of mine for many years



ARCH 335 2019 Project
The Stroud Store



ARCH 335 2024
One of many late-night fabrication sessions in our south campus shop



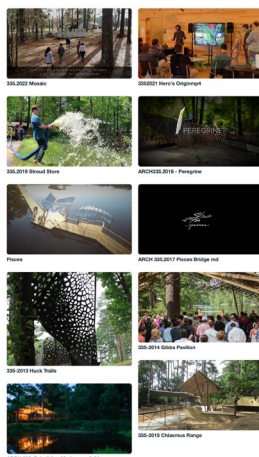
ARCH 335 2022 Project
The Mosaic Art Cabin



**Presenting the Imago Amphitheater
at the 2024 NCBDS national conference**



ARCH 335 2023 Project
The Imago Amphitheater



335.2022 Month:

2015/2021 Harry's Originals

235,2219 Street

APC0305.2018 - Personele

Slaves

Abstract 305, 3017 *Staphylococcus* isolates from

2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 26

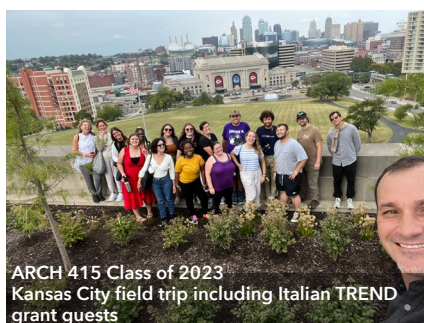
1144



ARCH 450B Winter 2023
Pisces Bridge shade structure repair



ARCH 450 B
Evening welding lessons in the Fall of 2023



ARCH 415 Class of 2023
Kansas City field trip including Italian TREND
grant guests



A tour of Camp Alabama for Italian exchange students with the TREND Grant: the genesis of two papers featuring our work with MDPI, an EU academic publisher.



<https://vimeo.com/user55489561>